

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1 9 3 6

63.13

☆ FEB 18 1936 ☆

U. S. Department of Agriculture



Seeds

COMSTOCK FERRE & CO.
WETHERSFIELD, CONNECTICUT

Please Read Before Mailing Your Order

NAME AND ADDRESS Write your name and post-office address in full and plainly on every order and letter sent us. If you have recently moved or if your post-office address has changed please give both old and new address that we may correct our records.

TERMS — CASH WITH ORDER Remittance should be made by Bank Draft, Post-Office Order or Express Money Order. Clean unused postage stamps will be accepted for amounts less than \$1.00. On no account send money itself unless by Registered Letter. Please do not ask us to ship C. O. D. unless 25% of the amount of the order is enclosed.

DELIVERY When cash accompanies order we will deliver prepaid by parcel post, express or truck, all seeds except Grass and Field Seeds, Field Corn and Beans, Sweet Corn and Peas at the 100 lb. rate. Free delivery extends to the first three postal zones, or a distance of three hundred miles from Wethersfield, which includes all of New England except northern Maine, as far west as Buffalo, N. Y., and as far south as Washington, D. C. If you wish heavy seeds or insecticides shipped by Parcel Post, please include the proper postage. Unless otherwise ordered we will ship Grass and Field Seeds, Roots, Onion Sets, Seed Potatoes, Fertilizers and Insecticides by Express or Freight, as instructed, transportation charges to be collected from the customer.

PACKING We make no charge for bags or packing when cash accompanies orders.

QUANTITIES We will not accept orders for quantities smaller than listed, except: 15 lbs. or more at the 100 lb. rate, 5 lbs. or more at the 10 lb. rate, and $\frac{1}{2}$ lb. at the 1 lb. rate and $\frac{1}{2}$ oz. at the 1 oz. rate where these rates are 40c or more per unit.

CHANGES IN PRICES Prices depend to a certain extent upon market conditions and are subject to change without notice. It is always well to write for special quotations on very large quantities of seed of any kind, particularly Grass and Field Seeds, Seed Potatoes and Onion Sets. We are always pleased to quote as low prices as the highest quality of seed will permit.

WARRANTY Comstock, Ferre & Co., give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. When mentioned, purity and germination tests are for information only and without guarantee.

EARLY ORDERS Early orders receive the best attention. We will accept your orders for future shipment on whatever date you specify.

Comstock, Ferre & Company

Wethersfield, Connecticut

FINE NEW VEGETABLE INTRODUCTIONS

Specialties you should grow

BEANS, McCREA'S BUSH LIMA Prolific new variety for gardens and canning. Medium sized pods with thick beans of unusually sweet flavor which retain their green color when cooked.

Pkt. 15c; Lb. 40c; 10 lbs. \$3.00, postpaid.

BEANS, TENDERGREEN A strong-growing healthy variety very productive of straight, round, fleshy pods; stringless and of high quality for market and home garden use.

Pkt. 10c; Lb. 30c; 10 lbs. \$1.90, postpaid.

Not prepaid, 100 lbs. 14c per lb.

POLE BEANS, ITALIAN HORTICULTURAL A distinct variety of the Cranberry type with large flat seeds. The large yellow pods are heavily splashed with red. When well grown it is the largest podded and brightest colored shell bean.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 18c per lb.

BEET, PERFECTED DETROIT

A superior strain, very deep glowing red in color and uniformly smooth and round. Practically every root has exactly the same deep color.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00; 10 lbs. \$9.00.

CABBAGE, STEADFAST New hard round-headed midseason variety with the outstanding quality of being extremely slow to crack or bolt to seed.

Pkt. 15c; Oz. 60c; $\frac{1}{4}$ lb. \$1.75; Lb. \$6.00.

HYBRID CORN, SPANCROSS P39 Earliest hybrid of good quality. Large ear and quite uniform in growth and season.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

HYBRID CORN, MARCROSS P39 Earliest large eared hybrid, three days later than Spancross P39. Good yielder.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

HYBRID CORN, GOLDEN CROSS BANTAM Outstanding main crop variety for productivity and quality. Ears are large and 10 to 14 rowed with thin husk. Nearly every stalk bears two full sized ears so uniform in maturity that no more than two pickings are required for the whole crop. Yield is several thousand more ears per acre than any other large eared variety.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

LETTUCE, NEW YORK NO. 515 Special strain resistant to tip burn and more sure to head in warm weather than the excellent No. 12 strain. Heads are medium size and leaves rather dark green.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.25.

MUSKMELON, DELICIOUS A new early strain of Bender's Surprise of equal quality. Slightly smaller and two weeks earlier.

Pkt. 10c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

WATERMELON, PRIDE OF MUSCATINE

Medium early long dark green melon resistant to wilt. Firm rind with beautiful deep red flesh which is sweet, crisp and tender.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

RADISH, GLOWING BALL

Round bright red forcing variety with crisp white flesh. Roots have less tendency to split than other forcing sorts.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

SPINACH, SPECIAL SUMMER SAVOY Extra longstanding dark green curled for summer planting. Distinct improvement in quick growing longstanding type.

Oz. pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.90.

SQUASH, GIANT SUMMER STRAIGHTNECK

We are continually reselecting this fine strain. Very long and slender with the desirable light yellow color, a good yielder and practically free from crooknecks.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

TOMATO, NYSTATE New variety developed by the New York Agricultural Experiment Station. Second early garden and canning sort. Fruit deep red, large, flattened globe shape, free from cracks and ripening without green spots.

Pkt. 25c.

TOMATO, Rutgers A new variety resulting from a Marglobe cross made by the New Jersey Agricultural Experiment Station. Fruits are medium to large, globe shape but flattened at stem end. The flesh is very firm and red.

Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25.

TOMATO, PENN STATE New extra early round scarlet developed by Dr. Myers of Penn. State College. Vines are very short and produce a heavy central set of large smooth fruit very early. May be planted very close in row.

Pkt. 10c; $\frac{1}{2}$ oz. \$1.00; Oz. \$1.85; $\frac{1}{4}$ lb. \$6.00.

CORN, WOOD'S SOUTHERN HYBRID This new crossed type stands far ahead of all other ensilage varieties in yield per acre of both green fodder and actual feeding value. The method of producing seed adds to the cost but the planter is well repaid in increased yield.

Bushel \$5.00, 56 lbs., not prepaid.

NEW SEED TREATMENT

RED COPPER OXIDE Dusting with this chemical has proven not only a definite preventative of "damping off" of seedlings but a distinct stimulant to growth of many vegetables such as Beet, Cabbage, Carrot, Cucumber, Lettuce, Peas, Pepper, Spinach and Tomato and many Flower Seeds. One teaspoonfull treats one to five pounds of seed. $\frac{1}{4}$ Lb. 35c; 1 Lb. 90c.

IMPROVED STRAINS of FLOWERS

NEW, RARE VARIETIES

NOVELTIES THAT YOU WILL ENJOY GROWING

ANTIRRHINUM, RUST PROOF MIXTURE
New strain with healthy green foliage, 75% rustproof. Well balanced mixture which should increase the popularity of Snapdragons as garden flowers. Pkt. 15c.

ASTER, AURORA, GOLDEN SHEAF Deepest yellow aster yet offered, unique crest-like center of tubular florets. Wilt resistant. Pkt. 15c.

ASTER, SUPER GIANT LOS ANGELES
Largest and most fully double of all asters. The first of a new race of long stemmed giants. Lovely shell pink with curled petals. Pkt. 15c; ¼ Oz. \$1.00; Oz. \$3.00.

CALENDULA, ORANGE SHAGGY Graceful lacinated petalled type with deep orange petals. Most attractive and truly outstanding. Pkt. 15c.

COSMOS, ORANGE FLARE
An early flowering strain blooming in four months from seed. Vivid deep orange with graceful light foliage. Pkt. 15c.

DELPHINIUM, SELECTA A very superior strain of the giant flowered type. The spikes are very large and of perfect shape with mostly double flowers in lovely clear colors and pleasing combinations. Pkt. 30c; ⅛ oz. 75c.

DIANTHUS, LACINATUS SPLENDENS Large flowered novelty, brilliant crimson with white eye. Free flowering and easily grown. Pkt. 15c.

IPOMOEA, HEAVENLY BLUE A profuse bloomer with single light blue blossoms literally covering the vine. Very showy and much admired Morning Glory. Pkt. 10c; ¼ Oz. 25c.

MARIGOLD, DIXIE SUNSHINE Entirely new type, medium sized double golden yellow flowers fluffy like Chrysanthemums. Late flowering. Pkt. 25c.

MARIGOLD, MEXICAN DWARF ORANGE
Semi-dwarf well-branched and covered with bright orange flowers with semi-tubular florets unlike any other type. Pkt. 15c.

MARIGOLD, IMBRICATED GOLDEN QUEEN
New dwarf strain of African type admirably adapted to bedding. Fine golden yellow. Pkt. 15c.

MARIGOLD, YELLOW SUPREME (Carnation flowered) Fitting companion to the popular Guinea Gold. Lovely shade of creamy lemon-yellow, large flowered and superb for cutting. Pkt. 15c.

MARIGOLD, GUINEA GOLD Outstanding variety with graceful flowers of brilliant orange, ruffled and semi-double. Most artistic cut flower. Pkt. 15c; ¼ Oz. 40c.

NASTURTIUM, DWARF GOLDEN GEM True dwarf type of Golden Gleam, compact and free flowering. Fragrant double flowers. Pkt. 15c.

NASTURTIUM, DWARF DOUBLE GEM MIXTURE A complete range of bright colors borne on compact plants without runners. Ideal bedding type. Pkt. 20c.

NASTURTIUM, ORANGE GLEAM Finest Gleam type since Golden Gleam, equally double with deep orange coloring entirely new to the Nasturtium family. Pkt. 20c.

PANSY, ENGLEMAN'S GIANT A compact early flowering strain with immense flowers 3 to 4 inches across of perfect form and an extraordinary rich range of color. Pkt. 20c; ⅛ Oz. \$1.00; Oz. \$6.00.

PETUNIA, DWARF GIANTS OF CALIFORNIA
Dwarf sturdy plants with giant flowers, beautifully ruffled and fringed, with open well marked throats in many colors. Pkt. 20c.

PETUNIA, LACE VEIL Dwarf plant with beautiful pure white fringed flowers in profusion. Pkt. 25c.

PETUNIA, DOUBLE FRINGED MIXED This superior strain does not flower 100% double but contains a large percentage of plants with unusually large fully double flowers in a magnificent range of color. A world famous strain for perfect doubles. Pkt. 25c.

PYRETHRUM, New double varieties in separate colors Selected from the finest double strain.
Blood-red, Scarlet, Pink, White Pkt. 25c.

ZINNIA, FANTASY, MIXED
Curled and crested type with graceful rounded flowers of medium size. Petals are shaggy and ray-like. Plants 2 to 2½ feet tall and free flowering. Pkt. 20c.

ZINNIA, SCABIOUS FLOWERED MIXED Useful new variety with medium sized flowers in form resembling annual Scabiosa. Interesting cut flower in many bright colors. Pkt. 20c.



HOW TO PREPARE AND MAINTAIN A LAWN

Keep your lawn in good condition by sowing a little new seed when needed and top dressing it occasionally with Wizard Sheep Manure, Bone Meal or some other good lawn fertilizer and you can often save the expense of plowing and reseeding the lawn.

Lawn Grass seed may be sown any time between April and the end of September. Some gardeners claim that the best lawns are produced by sowing in early spring; others consider the fall the most desirable season, because the conditions are then ideal for the rapid germination of seed, the roots become firmly established before the severe winter sets in, and with the advent of warm weather in spring the grass starts into luxuriant growth, while the strong roots enable it to resist the scorching heat of summer.

To ensure a good and permanent lawn, the soil should be clean, enriched with Bone Meal or Wizard Sheep Manure, thoroughly pulverized to a depth of 6 to 9 inches, and fairly moist when the seed is sown. Having made the surface as fine and level as possible with a rake or harrow, sow the seed broadcast, choosing a calm day for the operation, so that it may be evenly distributed. Cover the seed by going over the surface with a fine tooth rake and afterward with a roller. It is important to thoroughly roll the lawn after sowing to press the seed in firmly and make a hard smooth surface.

Lawns are benefited and improved in appearance by frequent mowing until the grass ceases to grow in the fall. Stable manure is often spread over the lawn when the ground freezes and removed in early spring, but as this treatment produces an unsightly effect, many prefer to use commercial fertilizers or Wizard Sheep Manure as a top dressing. It is an excellent practice to renovate and freshen the lawn every spring or fall with a little new seed. Bare spots should be loosened with a sharp rake and given a good dressing with fertilizer thoroughly raked in before sowing the seed. One pound of seed is required for 400 square feet. 25 pounds for one quarter acre, 100 pounds for an acre.

LAWN GRASS MIXTURES

FINE LAWN MIXTURE Composed entirely of fine-leaved grasses in proper proportion to produce the finest, velvety, permanent lawns.
Lb. 45c; 10 lbs. \$3.70, postpaid.
Not prepaid, 100 lbs. 30c per lb.

SHADY PLACE MIXTURE This is a mixture of the grasses best adapted to endure the dry and impoverished soil condition often found in the shade of large trees. Can be used with good results in dry sunny places.
Lb. 45c; 10 lbs. \$3.70, postpaid.
Not prepaid, 100 lbs. 30c per lb.

QUICK GREEN MIXTURE Based upon the same grasses as our Fine Lawn Mixture, this contains some quicker growing, less permanent grasses which give an immediate effect. After the short lived grasses disappear the hardier ones remain to make a fine permanent lawn.
Lb. 40c; 10 lbs. \$3.30, postpaid.
Not prepaid, 100 lbs. 26c per lb.

WHITE DUTCH CLOVER Creeping variety, valuable for lawns especially on sunny banks and light poor soil.
¼ lb. 20c; Lb. 45c, postpaid.

Unusual conditions require special mixtures — we shall be pleased to advise you or supply the varieties as found on page 41.

VEGETABLE SEEDS

*Reliable Strains of the Finest Varieties for
Market and Home Gardens*



ASPARAGUS

May be grown from seed, or better from year old roots, planted in early Spring 18 inches apart in 3 to 4 foot rows. The roots should be spread out horizontally and set 6 inches deep, covering but lightly at first. The seed may be sown in rows and the roots transplanted the following year. Cutting should be light until the second or third year after transplanting.

MARY WASHINGTON The finest variety in cultivation. Large stalked and a vigorous grower, resistant to rust. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

MARY WASHINGTON ROOTS We recommend the use of strong one year old roots of this variety as being as large as can be transplanted without a setback. 50 roots 80c; 100, \$1.50, postpaid. Not prepaid 500, \$6.00; 1000, \$10.00.

ARTICHOKE

A perennial with fleshy thistle-like heads, cooked like Asparagus. Sow in April and transplant 2 feet apart in 3 foot rows. Bank with earth for winter protection.

GREEN GLOBE Large globular heads. Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

BEANS

Beans are tender and should not be planted until danger from frost is past. Sow in drills 2 inches deep and $2\frac{1}{2}$ to 3 feet apart at intervals from the first of May until August. A larger yield will be obtained if the plants are thinned to 3 inches apart. Cultivate freely but not when the vines are wet. Approximate weight; 1 Bu. 60 lbs.; 1 Qt. 2 lbs.; 1 Pt. 1 lb.

Inoculate with Nodogen for best results. 1 Bu. size 35c. Garden size 25c.

We recommend thorough dusting with Rotenone Dust as an efficient control for Mexican Bean Beetle.

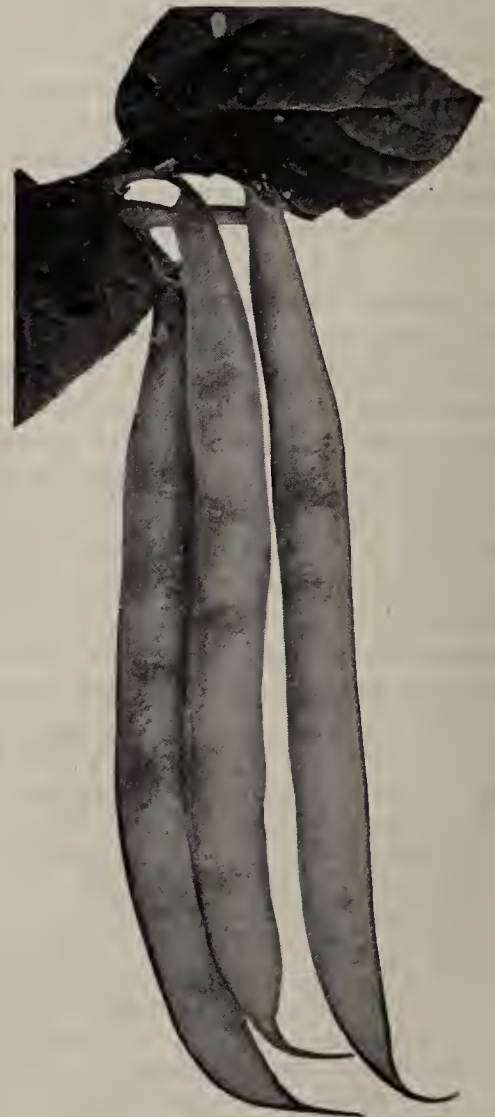
15 lbs. of any variety at the 100 lb. rate.

5 lbs. of any variety at the 10 lb. rate.

Dwarf Green Podded Varieties

BURPEE'S STRINGLESS GREEN POD Probably more generally planted than any other green podded variety. The round green pods are meaty and remain tender until full grown.

Pkt. 10c; Lb. 30c; 10 lbs. \$1.90, postpaid. Not prepaid, 100 lbs., 14c per lb.



Burpee's Stringless Green Pod

BLACK VALENTINE, STRINGLESS Fine variety of attractive appearance and finest quality. Pods are slender, round and smooth and entirely stringless.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

BOUNTIFUL This popular bean has very large flat pods which are always tender and stringless. A great cropper; pods 6 to 7 inches long.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

TENDERGREEN A fine, straight, round podded variety of highest quality for market or home garden use.

Pkt. 10c; Lb. 30c; 10 lbs. \$1.90, postpaid.
Not prepaid, 100 lbs. 14c per lb.

LOW'S CHAMPION Red seeded. Fleshy thick pods of good quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

DWARF HORTICULTURAL Early, vigorous and productive. Pods are straight, about 5 inches long, greenish yellow splashed with carmine. Used as a shell bean, either green or dry.

Pkt. 10c; Lb. 30c; 10 lbs. \$1.90, postpaid.
Not prepaid, 100 lbs. 14c per lb.

FRENCH'S DWARF HORTICULTURAL Very large podded and bright colored. Tends to show runners but does not climb. The best market variety.

Pkt. 10c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.

BROAD OR FAVA, LONG PODDED A hardy variety to be planted in very early Spring. Produces large pods with very broad flat beans.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.



Burpee's Improved Bush Lima



Fordhook Bush Lima

Dwarf Wax Podded Varieties

IMPROVED GOLDEN WAX A fine quality garden bean in common use. Pods are straight, flat and golden yellow in color.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

PENCIL POD BLACK WAX Black seeded, but one of the finest wax sorts. Round straight pods 5 to 6 inches long and absolutely stringless.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

ROUND POD KIDNEY WAX A fine, early, round-podded, stringless variety of highest quality. Pods somewhat curved, 5 to 6 inches long, and bright yellow.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

SURECROP STRINGLESS BLACK WAX Entirely stringless; large flat pods, very long and straight. Sometimes called Bountiful Wax.

Pkt. 10c; Lb. 30c; 10 lbs. \$1.90, postpaid.
Not prepaid, 100 lbs. 14c per lb.

Dwarf or Bush Lima

Limas are less hardy than other beans and should not be planted until the ground is thoroughly warm. They require more space than string or shell beans to produce a good crop. Plant in rows 3 feet apart, placing 2 or 3 beans 15 inches apart and covering not more than 1 inch.

BURPEE'S IMPROVED BUSH LIMA Strong vine with pods 5 to 6 inches long, filled with large thick beans.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

FORDHOOK BUSH LIMA Produces a heavy crop of rather short fat pods in clusters. The beans are very thick and meaty. Most popular market variety.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

MCCREA'S BUSH LIMA Prolific new variety for gardens and canning. Medium sized pods with thick beans of unusually sweet flavor which retain their green color when cooked.

Pkt. 15c; Lb. 40c; 10 lbs. \$3.00, postpaid.

15 lbs. of any variety at the 100 lb. rate.
5 lbs. of any variety at the 10 lb. rate.

Dwarf Baking Varieties

These should be planted later than string beans and are used only as dry beans, the pods being quite stringy.

Red Kidney

White Marrow

White Kidney

Yellow Eye

Pkt. 10c; Lb. 25c; 10 lbs. \$1.70, postpaid.

Not prepaid, 100 lbs. 12c per lb.

Pole or Running Beans

Pole beans require the support of strong poles or a trellis. Plant 3 beans in two or three places around poles set 3 to 4 feet apart, and later thin to 2 vines to a pole. The pole shell and string beans are heavier yielders than the dwarf varieties.

ITALIAN HORTICULTURAL A distinct variety with large yellow pods heavily splashed with crimson. Very bright and attractive.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.

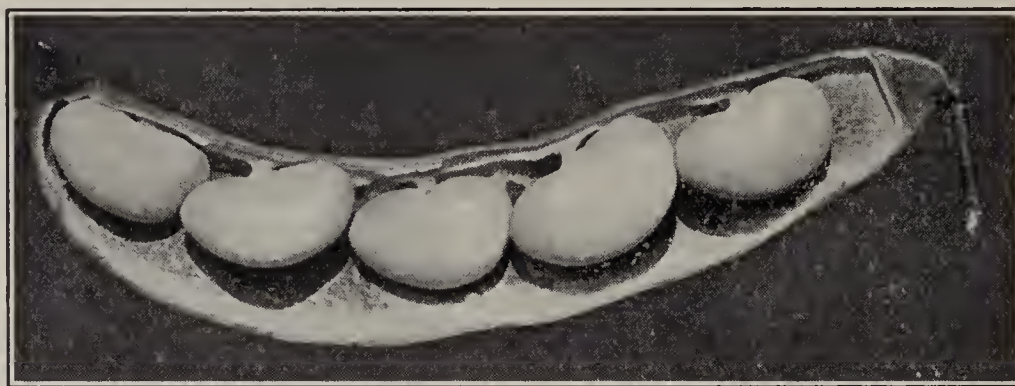
Not prepaid, 100 lbs. 18c per lb.

KENTUCKY WONDER Early and enormously productive. Pods long, round, meaty and of fine quality. The best green podded pole snap bean.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.

KENTUCKY WONDER WAX Similar to the green podded variety but larger and flatter.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.



Early Leviathan Lima

EARLY LEVIATHAN LIMA A productive early variety, about a week earlier than other large pole limas. Pods long and containing 4 or 5 good sized beans.

Pkt 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 18c per lb.

KING OF THE GARDEN LIMA Yields an abundance of pods 5 to 6 inches long, filled with large beans, which, when cooked, are tender and delicious.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 18c per lb.

WORCESTER OR KING MAM. HORTICULTURAL Similar to the old Horticultural Cranberry but much larger seeded, larger podded and more highly colored.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.50, postpaid.



Early Wonder

BEET

Beets are of easy culture and one of the most useful and profitable crops grown. The seed is enclosed in a hard shell and in dry soil is often slow to germinate. Soaking in warm water over night before sowing will help germination. For early use sow as early as the ground can be worked, in drills 14 inches apart, and for a succession at intervals until the first week in July. They succeed best in a firm light soil, well enriched. Beet tops are a very desirable table vegetable cooked as greens. Sow $\frac{1}{2}$ to 1 inch deep and thin to 4 inches. Treatment with Red Copper Oxide is recommended for prevention of damping off.

EARLY WONDER The darkest, smoothest and most uniform bunch beet for market. Deep roots, somewhat flattened, with small tap root.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 85c; 10 lbs. \$7.50.

CROSBY'S EGYPTIAN An excellent first early sort, uniform in shape and of a dark blood color. One of the most popular garden varieties.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 80c; 10 lbs. \$7.00.

BOSTON CROSBY Smooth dark red selection of Crosby's Egyptian considered by some superior to Early Wonder.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 10 lbs. \$8.00.

DARK RED EGYPTIAN Extremely early, flat, very dark red, and small topped.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

PERFECTED DETROIT A superior strain, very deep glowing red in color and uniformly smooth and round.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00; 10 lbs. \$9.00.



Detroit Dark Red

DETROIT DARK RED One of the finest strains in cultivation. Globe-shaped, smooth and with a small tap root; skin and flesh bright deep red. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 10 lbs. \$8.00.

MANGEL

Mangels require deep soil well manured. Sow in May and June in rows 2 feet apart and thin to 6 inches in the row. A most nutritious and palatable feed for cattle and poultry.

GIANT HALF SUGAR, ROSE A variety highly recommended for stock feeding. Of large size; bright pink in color, shading to white. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

MAMMOTH LONG RED A great producer; long heavy roots of enormous size. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

GOLDEN TANKARD A medium-sized oval-shaped root, golden yellow in color. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

SWISS CHARD

This delicious vegetable should be grown in every home garden. It is cultivated for its tender leaves, which are used as greens. The midrib is also cooked and prepared like Asparagus. It is productive throughout the season—a veritable “Cut-and-Come-Again”. Space 6 to 8 inches in rows 2 feet apart.

FORDHOOK GIANT. An extremely large variety with broad white ribs and curled dark green leaves. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

LARGE WHITE RIBBED, LIGHT GREEN Large, smooth, pale green leaves with broad white ribs; fine quality. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

GIANT LUCULLUS The cream colored leaf stems are longer and thicker than other varieties. Leaves are light green and much crumpled. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.



Broccoli — Early Green Italian

BROCCOLI

This desirable vegetable resembles Cauliflower in many respects and requires the same culture, but is much quicker and easier to grow. The different varieties of Broccoli vary greatly in appearance and growth.

EARLY GREEN ITALIAN, OR CALABRESE

This variety develops in about 90 days, producing large, compact, deep green flower heads which are cooked and served in the same manner as Cauliflower.

Pkt. 10c; Oz. 45c; $\frac{1}{4}$ lb. \$1.50; Lb. \$5.00.

ITALIAN BROCCOLI RAPE, OR SENAPS Distinct from other Broccolis. The Turnip-like leaves are used for greens as well as the small flower heads. Hardy, can be sown in autumn for a spring crop.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 55c; Lb. \$1.75.



Swiss Chard — Fordhook Giant

CABBAGE

Cabbage thrives in rich, well-drained, loamy soil. For an early crop sow seeds of the early varieties in hotbeds in February or early March. Transfer the young plants to cold frames where they may harden before setting in the open ground. Transplant 18 to 20 inches apart in 2½ foot rows. For a late crop sow in June in the open ground, and thin to secure healthy stocky growth, transplanting when ready.

MAMMOTH ROCK RED A deep red pickling variety with large solid heads.
Pkt. 10c; Oz. 25c; ¼ lb. 75c.

PERFECTION DRUMHEAD SAVOY A late variety with dark green wrinkled leaves; heads large, sweet and tender. Improved Long Island strain.
Pkt. 10c; Oz. 35c; ¼ lb. \$1.20; Lb. \$4.00.



Copenhagen Market

EARLY JERSEY WAKEFIELD This first early variety is extremely popular. The heads are of medium size, conical in form and of unsurpassed quality.
Pkt. 10c; Oz. 25c; ¼ lb. 80c; Lb. \$2.75.

GOLDEN ACRE A Copenhagen Market type maturing a week earlier, making it a very valuable market variety. Heads are round, firm and very uniform. Has few outer leaves and can be planted closely.
Pkt. 10c; Oz. 30c; ¼ lb. \$1.00; Lb. \$3.75.

COPENHAGEN MARKET A fine early variety of Danish origin, nearly as early as Jersey Wakefield. Heads large, round and solid with small outer leaves.
Pkt. 10c; Oz. 25c; ¼ lb. 80c; Lb. \$2.75.

ENKHUIZEN GLORY Popular midseason garden and market sort with large solid heads very white and attractive round shape.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.50.

STEADFAST New hard round-headed midseason variety with the outstanding quality of being extremely slow to crack or bolt to seed.
Pkt. 15c; Oz. 60c; ¼ lb. \$1.75; Lb. \$6.00.

DANISH ROUND HEAD (Short Stem Ball Head) Unrivalled as a winter keeper. Heads are large and exceedingly solid.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.50.

DANISH BALL HEAD A taller stemmed sort with large solid heads.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.50.

PENN STATE BALL HEAD A special selection producing the heaviest yield per acre without sacrificing quality. Heads are very solid, large and round.
Pkt. 10c; Oz. 30c; ¼ lb. \$1.00; Lb. \$3.50.

SUREHEAD As its name implies, a sure header, and very excellent for general use. Heads deep and flattened, very hard and uniform.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.75.

PREMIUM FLAT DUTCH An old and popular variety for autumn and winter use. Excellent quality; large flat heads.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.75.

Chinese or Celery Cabbage

A species of Cabbage from China quite popular in this country. The plant runs to seed quickly in hot weather, so should be sown early for summer use and in July or August for fall use.

WONG BOK, SELECT STRAIN An early dwarf variety with very large compact heads.
Pkt. 10c; Oz. 20c; ¼ lb. 60c; Lb. \$2.00.

CHIHILI Tall and slender, resembling Cos lettuce. The midribs are large and the heads cylindrical, 14 to 18 inches in length. Best keeper.
Pkt. 10c; Oz. 20c; ¼ lb. 60c; Lb. \$2.00.

CARROT

The Carrot is an easily grown vegetable that gives most satisfactory results in a well-manured sandy loam, thoroughly worked. May be sown for succession from early spring to midsummer. Sow in drills 14 to 16 inches apart and cover lightly. Press the soil firmly over the seed, especially in dry weather. Thin to 2 inches apart in the row.

DANVERS HALF LONG, SPECIAL STRAIN A superior selection, larger and slightly longer than Improved Danvers Half Long, very smooth and deep colored.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50;
5 lbs. \$7.00.



Half Long Chantenay

CORELESS A very handsome early carrot with a deep orange color, and smooth cylindrical form; about 6 inches in length by $1\frac{1}{2}$ inches in diameter, free from woody heart or core, and of the best quality. Tops very small and short. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

IMPROVED CHANTENAY, LONG TYPE Similar to Half Long Chantenay, but about an inch longer, good dark color. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25; 5 lbs. \$5.75.

HALF LONG CHANTENAY Stump rooted, early and productive. Bright orange in color, smooth and of fine appearance. A fine garden and market variety used extensively in bunches. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00; 5 lbs. \$4.50.

HALF LONG CHANTENAY RED CORED Similar to Half Long Chantenay in shape and size. The bright orange color is uniform from skin to center. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25; 5 lbs. \$5.75.

HUTCHINSON A great favorite with gardeners. Root 10 to 12 inches long, cylindrical and ending in an abrupt stump root. Deep orange in color and a heavy producer. Requires deep soil and thorough cultivation; cross plowing is recommended for this variety. Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75; 5 lbs. \$8.25.

IMPROVED DANVERS HALF LONG Produces well in almost every soil. Medium in length, smooth and bright orange in color. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00; 5 lbs. \$4.50.

IMPROVED LONG ORANGE A very fine strain valuable for both garden and field culture. The roots are long and tapering with smooth skin and deep orange flesh. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00; 5 lbs. \$4.50.

IMPERATOR A new long variety with uniform taper to a semi-blunt end. Roots have sloping shoulders with smooth deep orange skin. Flesh is deep orange with indistinct core. A very big bright carrot for bunching. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

MORSE'S BUNCHING New cylindrical deep orange variety about 8 inches long, distinctly stump rooted. Ideal for bunching as the tops are small but strong. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

BRUSSELS SPROUTS

A species of the Cabbage family producing small tight heads along the stalk. Sow in early spring and transplant in 2 to 3 foot rows, allowing 18 inches to 2 feet between plants. The flavor is improved by early frosts.

IMPROVED LONG ISLAND HALF DWARF Heavy cropping strain with strong stocky plants and large hard sprouts. Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CARDOON

Plant similar to Globe Artichoke but has fleshy stalks which have a delicate flavor when cooked after blanching with earth and straw in the fall.

LARGE SOLID Fine large stalked variety. Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. 90c; Lb. \$3.00.

CAULIFLOWER

Cauliflower is easily grown if properly cared for, although to be a profitable market crop it is somewhat particular as to soil and location. Many make the mistake of expecting Cauliflower to head in hot weather. To avoid this it should be started in March or early April in a greenhouse or hot bed and transplanted to good fertile soil as soon as conditions will permit. Sow in June and transplant 18 inches apart in rows 3 feet apart for the late crop. Cultivate thoroughly and frequently to keep plants in good growing condition. When heads begin to form, bunch the leaves together and tie loosely to protect them from the sun.

EARLY SNOWBALL, SUPERSTRAIN

An unusually fine strain for market. Extra early, medium size and pure white. Heads mature uniformly.

Pkt. 20c; $\frac{1}{2}$ Oz. \$1.25; Oz. \$2.25;
 $\frac{1}{4}$ lb. \$8.00; Lb. \$30.00.

EARLY SNOWBALL, SELECT STRAIN

A superior strain of this standard variety. Compact and short-stemmed with fine-grained pure white heads. The most dependable for home and market use

Pkt. 15c; $\frac{1}{2}$ Oz. \$1.00; Oz. \$1.85; $\frac{1}{4}$ lb. \$5.50;
Lb. \$20.00.



Golden Plume



Early Snowball

EXTRA EARLY DWARF ERFURT Reliable heading with compact growth and large heads of uniform size, solid and pure white.

Pkt. 15c; $\frac{1}{2}$ oz. 95c; Oz. \$1.70; $\frac{1}{4}$ lb. \$5.00.

SNOWDRIFT Pure white strain of the Snowball type, very hardy and sure heading.

Pkt. 15c; $\frac{1}{2}$ oz. \$1.10; Oz. \$2.00; $\frac{1}{4}$ lb. \$6.50.

DRY WEATHER, OR DANISH GIANT

A slightly later variety which withstands adverse weather and produces extra large, solid, white heads.

Pkt. 15c; $\frac{1}{2}$ Oz. \$1.10; Oz. \$2.00; $\frac{1}{4}$ lb. \$6.50;
Lb. \$24.00.

EARLY PURPLE An Italian variety with dark purple heads. Cooks creamy white.

Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.50.

CELERY

For both market and home use there is no more highly esteemed vegetable than Celery. As the seed is small it requires careful planting. Sow in drills 10 to 12 inches apart early in spring. The soil should be well pulverized and the seed lightly covered with soil pressed firmly over it. Additional sowings may be made up to June 15th. Transplant when ready in rows 3 feet apart, leaving 3 to 4 inches between plants, or for extra large stalks 6 to 8 inches. Press the soil firmly around the roots and keep well cultivated. As cool weather approaches blanching is started by drawing the soil around the plants. This is continued until only the tops of the leaves remain uncovered. Blanching is often accomplished by means of boards or building paper set against the rows in place of soil. Late Celery should be pitted or placed in the cellar before freezing weather.

GOLDEN PLUME A large blight-resisting variety with the vigor of Easy Blanching and the color of Golden Self Blanching. A most valuable variety and a favorite with growers.

Pkt. 10c; Oz. 75c; $\frac{1}{4}$ lb. \$2.50; Lb. \$9.00.

GOLDEN NO. 14 Heavy, compact and full hearted, slightly later than Golden Plume with longer first joint.

Pkt. 10c; Oz. 75c; $\frac{1}{4}$ lb. \$2.50; Lb. \$9.00.

PARIS GOLDEN SELF BLANCHING (FRENCH)

The new, tall, early strain. Recognized as one of the best market garden varieties. Also very desirable for the home garden. Self blanching to a wonderful degree, the stalks are of a rich golden yellow color and of delicious flavor.

Pkt. 10c; Oz. 75c; $\frac{1}{4}$ lb. \$2.50; Lb. \$9.00

EASY BLANCHING Resembles Paris Golden in growth, but blanches white and is more hardy. An excellent winter keeper as well as a quick-blanching, early kind.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

EASY BLANCHING, (Special New Jersey Strain).

Pkt. 15c; Oz. \$1.65; $\frac{1}{4}$ lb. \$5.50; Lb. \$20.00.

EMPEROR An excellent late variety with large round stalks of fine quality. Dwarf growth.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

GIANT PASCAL Improved strain with tall round stalks, very solid and brittle. Easily blanched and a good keeper.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

WINTER QUEEN One of the most valuable varieties for winter use. Vigorous and compact of growth, and when ready for market presents an exceptionally attractive appearance.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. 90c; Lb. \$3.00.

GIANT SMOOTH PRAGUE (CELERIAC)

Known as Turnip-rooted Celery. A variety with large round roots which are cooked like Beets or Turnips. Used for the roots only.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. 90c.

CHICORY

Sow in May or June in 12 inch rows and thin to 4 inches apart.

LARGE ROOTED MAGDEBURG The root grows to a large size and is dried and roasted for use in coffee. The leaves are blanched and used as a salad.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

LARGE BRUSSELS, OR WITLOOF (FRENCH ENDIVE) The roots are transplanted in autumn into sand in a cellar and covered deeply with sand or straw. Crisp bleached sprouts soon form which are delicious as a salad.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

ASPARAGUS (ITALIAN DANDELION) When planted in early spring this Italian variety sends up tender flower stalks which are cooked like Asparagus.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

CHIVES

Grown for the slender tops which have a delicate Onion flavor. Perfectly hardy, and should be grown in every garden. Often grown in flower gardens for the pretty blue blossoms.

Pkt. 10c; Oz. 60c; $\frac{1}{4}$ lb. \$2.00.

COLLARDS

A tall, loose-heading, Cabbage-like plant much used in the South for greens.

GEORGIA The true Southern variety.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c.

SWEET CORN

CROSS POLLINATED YELLOW VARIETIES

A new method of seed production from special inbred strains crossed with other inbred strains or standard varieties has developed numerous new varieties, some of exceptional merit. The best of these varieties show greatly increased vigor, increased yield and remarkable uniformity in size of ear and time of ripening. Many are resistant to Wilt or Stewart's disease. For best results fields should be well thinned to three stalks to a hill or one stalk every 9 to 12 inches. New seed should be purchased each year as the second generation will vary in yield and uniformity. Treatment with Semesan Jr. is recommended for early plantings.

SPANCROSS C2 75 days. Medium sized ear, somewhat variable in size but of extreme earliness.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

SPANCROSS P39 79 days. Earliest hybrid of good quality. Larger ear and more uniform than Spancross C2.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

MARCROSS P39 82 days. Earliest large eared hybrid. Prolific and very vigorous in growth.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

TENDERGOLD (Sucross P39) 86 days. Large eared and excellent quality.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

15 lbs. of any variety at the 100 lb. rate.

WHIPCROSS C6.2 86 days. Heavy yielding cross of Whipple's Yellow inbreds maturing so evenly that practically the whole crop may be harvested at one picking.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

GOLDEN CROSS BANTAM 88 days. The outstanding hybrid for productiveness and quality. Ears are large and 10 to 14 rowed with thin husk. Nearly every stalk bears two full sized ears so uniform in maturity that no more than two pickings are required for the whole crop. Yield is several thousand more ears per acre than any other large eared variety.

Pkt. 15c; Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

Pop Corn

WHITE HULLESS A dwarf variety of excellent quality and a sure popper. Ears 4 inches long with deep slender kernels.

Pkt. 10c; Lb. 25c; 10 lbs. \$1.60, postpaid.

WHITE RICE Productive, large-eared and most generally grown.

Pkt. 10c; Lb. 25c; 10 lbs. \$1.60, postpaid.

GIANT YELLOW (Dynamite) South American variety with large yellow kernels which pop to immense size, good quality.

Pkt. 10c; Lb. 25c; 10 lbs. \$1.60, postpaid.

5 lbs. of any variety at the 10 lb. rate.

SWEET CORN—STANDARD VARIETIES



Extra Early Golden

Sweet Corn is tender and will not stand frost nor will it germinate well in wet cold soils. It responds to good soil and clean, frequent cultivation. Plant in well-fertilized hills 3 feet apart each way, putting 5 or 6 kernels in each hill and covering to a depth of about $1\frac{1}{2}$ inches. When about 6 inches high remove from each hill all but the three most vigorous stalks. Many gardeners sow the seed in rows 3 feet apart, leaving the plants standing singly about 9 inches apart. For a succession throughout the season plant early in May several varieties, including first early to late. A good second early variety planted at intervals of two weeks until the middle of July will produce a continuous supply. Approximate weights; 1 bu. 45-50 lbs; 1 qt. $1\frac{1}{2}$ lbs. Treatment with Semesan Jr. is very effective in insuring germination of early planted corn and controlling disease. For prices see page 43.

EXTRA EARLY GOLDEN The earliest large yellow variety. Our strain is not only extra early but a heavy yielder and withstands cold weather better than other varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

SPANISH GOLD A new yellow variety introduced by the Connecticut Agricultural Experiment Station. On rich land produces a wonderful crop of medium-sized slender ears. One of the earliest varieties in cultivation.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

GOLDEN SUNSHINE Extra early yellow, closely following Extra Early Golden. Good-sized ears, 12 rowed, and of fine quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

EARLY SURPRISE The first large-eared white corn in market. It grows an ear 6 to 8 inches long with 12 rows of good sized kernels of excellent quality. Valuable for market and home use.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

COLUMBIA A remarkable early white corn. A strong grower with good-sized ears of better quality than other extra early varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

USE CRO-CUS—Crop insurance against crows. One pint, treats 100 lbs. \$1.00, postpaid.
Small size, treats 25 lbs. 40c, postpaid.

GOLDEN BANTAM This remarkable variety because of its earliness and truly delicious flavor, is a great favorite everywhere. Attaining a height of 6 feet, the sturdy stalk usually bears two medium-sized ears, which are of a rich golden yellow color and very tender and delicious. Especially adapted to the home garden and better market garden trade.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

HOWLING MOB A very popular medium-early variety and very productive. Ears 9 to 10 inches in length with large white kernels of excellent quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

BANTAM EVERGREEN Resembles the well-known Evergreen in shape of ear and kernel, but is of a deep golden yellow color.

Pkt. 10c; Lb. 35c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

GOLDEN GIANT This variety is a week later than Golden Bantam and yields abundantly large golden ears of fine flavor. It remains in the green stage longer than some other varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

WHIPPLE'S YELLOW An early large-eared variety maturing about the same time as Golden Bantam. The ears are well up from the ground, long and large with 12 to 16 rows of rich yellow kernels of the finest quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

STOWELL'S EVERGREEN This splendid main-crop corn has long been recognized as unrivalled for both private garden and market. The ears grow to a large size, with deep grains, very tender and sugary. Because of its strong and vigorous growth and abundant foliage it is also grown for fodder.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

COUNTRY GENTLEMAN Recommended as a valuable sort for table use. Late in season, it is very prolific and yields good-sized ears filled with irregular rows of luscious, tender and milky grains.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

15 lbs. of any variety at the 100 lb. rate.
5 lbs. of any variety at the 10 lb. rate.

Field and Ensilage Corn are listed on page 42.

CORN SALAD

A hardy salad plant for winter and spring use. Sow during August or September in rows 1 foot apart. Thin to 6 inches and cover with light mulch for winter protection.

BROAD LEAVED A large-seeded kind with broad Lettuce-like leaves.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

CRESS

These well known wholesome and piquant flavored plants are much used for salads and garnishing.

CURLED A rapid grower which should be sown at frequent intervals in boxes or in the garden.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c.

WATER Thrives along brooks and in moist places. Sow broadcast and cover lightly. One of the most delicious salad plants.
Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.50.

CUCUMBER

Cucumbers flourish best in rich loamy soil. When the weather has become warm plant in hills 4 to 5 feet apart each way, putting 10 to 12 seeds in a hill. As the plants appear above the surface they should be diligently watched and protected against insect enemies. This may be accomplished by sprinkling hydrated lime, ashes, tobacco dust or other insecticides on the hills. Finally thin the young plants to 4 in each hill. For a succession continue planting at intervals. Fruits should not be left on the vines to ripen, as this diminishes productiveness. For late pickles sow in late June.

NATIONAL PICKLING An improved short pickling variety, very prolific. The fruits are very uniform in size and do not taper as much as other varieties.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

BOSTON PICKLING A favorite pickling variety of superior quality. The fruit is medium long, rich green in color, crisp and tender.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

IMPROVED LONG GREEN A healthy vigorous grower and a fine producer. Fruits dark green, tender, brittle and of fine flavor. The small fruits are used for pickles, while the more mature ones make excellent sweet pickles.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

COLORADO New dark green variety with symmetrical cylindrical fruit 8 to 10 inches long, slender and very uniform in size. Free from objectional striping and ideal for slicing.
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

EARLY FORTUNE An excellent, early, white spine variety resembling Davis Perfect, but slightly smaller.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.35.

DAVIS PERFECT A long dark green type of white spine very valuable for forcing under glass as well as for growing in the field. The fruits are long, handsome and regular in shape and of a beautiful glossy green color.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.35.

EXTRA LONG WHITE SPINE Vines are vigorous with heavy foliage and yield in profusion long slim fruits, dark green in color.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.35.

HYBRID WHITE SPINE A long dark green type which holds its color well. Very prolific bearer and valuable for market on account of uniformity in shape of fruit.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.35.

IMPROVED WHITE SPINE Early popular variety with smooth dark green fruit; highly esteemed for family use and market.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.35.

LONGFELLOW An unusually long, slender, dark green variety. Not a heavy yielder, but fruits are very large and fine shaped, being 12 to 14 inches in length and very attractive.
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.



Early Fortune

DANDELION

Cultivated as one of the earliest and most healthful spring greens. Sow the seed in drills 14 inches apart and thin to 3 inches. It is very necessary that the seed should be barely covered with earth pressed firmly about the seed.

IMPROVED THICK LEAF An improved variety with thick broad leaves growing upright. The most valuable market variety.
Pkt. 10c; Oz. 45c; $\frac{1}{4}$ lb. \$1.50; Lb. \$5.50.

ITALIAN DANDELION (See Asparagus Chicory, page 11).



Black Beauty

EGG PLANT

Sow in hotbed in February or March, and when 2 or 3 inches high thin to 3 inches apart, or transplant into other beds or singly in pots. Transplant to open ground in May in rows 3 feet apart, leaving 2 feet between plants. Requires light warm soil for quick development.

BLACK BEAUTY An excellent sort for home and market use. Fine purple-black fruits of good quality.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

IMPROVED NEW YORK PURPLE A standard variety producing a liberal crop of rich purple fruits, smooth and glossy in appearance.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ Lb. \$1.25.

EARLY LONG PURPLE Small, extremely early long fruited.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

DILL

Grown for its aromatic seeds and foliage. Much used with Cucumbers for Dill Pickles.

MAMMOTH A splendid large-growing variety with large heads and abundant deep green foliage.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

ENDIVE

One of the best salad plants, especially valued for fall and winter use. Can be sown from April until August in drills 15 to 20 inches apart and thinned to 10 to 12 inches in the row. When well grown, blanch by tying the outer leaves together.

BATAVIAN FULL HEARTED (ESCAROLLE)
An improved form of the broad leaved Endive with many leaves in the center, forming a full heavy head.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

DEEP HEART, OR IMPROVED FULL HEARTED Forms an extra deep full heart with an increased number of leaves which are slightly wrinkled.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

GREEN CURLED Beautifully curled, deep green leaves. Fine for summer and fall use.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

FRENCH ENDIVE (See Witloof Chicory, page 11)

FENNEL

FLORENCE, OR NAPLES An Italian vegetable with thick stalks which have a delicate Anise flavor when blanched. Sow in rich soil and thin to 8 inches apart. Requires frequent cultivation and moist soil. Blanch like Celery.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

SICILIAN Very large round stalked variety, early and of fine quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

SWEET, OR COMMON (See Herbs, page 27).

LEEK

A hardy species of Onion with long stems which are used in soups. Sow very early in Spring in rows about 15 inches apart. Extra large stalks can be grown by transplanting. To insure well-blanching stems set deep and draw the soil up as the plants grow.

AMERICAN BROAD FLAG A hardy large-stalked type, strong growing and productive.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50.

LARGE MUSSELBURG Grows to a very large size, broad leaved and heavy stemmed.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50.



Dwarf Green Curled Scotch

KALE

Hardier than Cabbage, this vegetable makes splendid greens for winter and early spring use. The flavor is improved by frost. Sow from the middle of April to first of June and transplant or thin to 18 to 20 inches, as for Cabbage.

DWARF GREEN CURLED SCOTCH Deep green leaves, finely curled, in compact heads.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

TALL GREEN CURLED SCOTCH More vigorous than the dwarf variety, growing to a height of 3 feet with fine, dark green, curled leaves.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

SIBERIAN A very hardy variety with bluish leaves curled at the edges. Used to winter over and produce an early spring crop of "sprouts".
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 85c.

LETTUCE

Lettuce is so easily grown that nearly everyone who has a garden makes several plantings. Prefers rich moist soil and to be crisp and tender should be grown quickly. For early use sow in a hotbed or boxes in February and March, transplanting to open ground when ready. Allow plenty of room for development if you wish large heads. The large varieties require as much as $1\frac{1}{2}$ feet each way, while the smaller varieties can be grown as closely as 12 inches apart. Plantings may be made in succession until the end of August. Thorough cultivation is necessary in summer, as most varieties tend to run to seed in hot weather.

Loose Leaved Varieties

GRAND RAPIDS FORCING A rather small variety with deep green, frilled leaves, especially adapted to growing under glass.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

PRIZEHEAD Large green leaves lightly touched with brown.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

SIMPSON'S EARLY CURLED Large and tender with light green leaves, nicely curled.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

KOHL RABI

This peculiar vegetable partakes of the character of both Cabbage and Turnip. The edible portion consists of large bulbs formed on the stems just above the soil. They should be used when young and tender, boiled like Turnips. Sow in spring in rows 18 inches apart and thin to 8 to 10 inches.

EARLY WHITE VIENNA Desirable for general use. Has small top and matures early. Color, light silvery green.
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 65c; Lb. \$2.25.

EARLY PURPLE VIENNA Similar to the white variety, but dark purple in color.
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 65c; Lb. \$2.25.



Early White Vienna

LETTUCE, Heading Varieties

BIG BOSTON A widely used variety with light green hard heads of superior quality. Edges of leaves slightly brownish.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

CRISP AS ICE (HARTFORD BRONZE HEAD)
A good hot weather variety, slow to run to seed. The leaves are crumpled and vary from light green to dark brown in color. Hearts are yellow and of fine quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

ICEBERG A large crisp heading variety with fringed leaves showing a trace of brown at the edge. Good hot weather variety.
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

MAY KING Early, hardy and suitable for forcing or outside culture. Fine solid heads, with light green outer leaves and golden yellow hearts.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

LETTUCE, Heading Varieties—Continued

NEW YORK NO. 12 A greatly improved type of the popular New York variety which is found on our markets under the name of "Iceberg". Heads are large and solid with few outer leaves. Sure heading, some fields cut practically every head.

Pkt. 10c; Oz. 20c;
 $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

NEW YORK NO. 515 Special strain resistant to tip burn and more sure to head in warm weather. Heads are medium size and leaves rather dark green. A variety well worth trying.

Pkt. 10c; Oz. 25c;
 $\frac{1}{4}$ lb. 70c; Lb. \$2.25.



New York No. 12

TENNISBALL BLACK SEED This variety is exceedingly popular and is known under a variety of names such as Salamander, Dreer's All Heart and Market Gardener's Private Stock, all of which are similar, if they differ at all. Reliable in all seasons, it withstands the heat of summer and produces fine yellowish heads of matchless flavor.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

WHITE BOSTON Similar to Big Boston in appearance, but clear green in color and withstands heat much better.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

ROMAINE OR COS The large oval heads are especially crisp and have a pleasing mild flavor. Easily blanched by tying the outer leaves together if necessary.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

CHICKEN A very large-leaved tall-growing variety producing an abundance of leaf growth which is stripped off for poultry feed.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.



White Boston

MUSKMELON

Well-enriched light soil is an important requisite for the growing of choice melons. Early in May, when the ground is warm, plant in hills 4 feet apart each way, putting 10 to 12 seeds in a hill. Should be treated same as Cucumbers, but are benefited by spraying with Bordeaux Mixture as a preventive of blight.

BENDER'S SURPRISE A very popular, large, round melon with greenish yellow skin, thick salmon flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

DELICIOUS New; an early strain of Bender's Surprise, slightly smaller and two weeks earlier.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

EMERALD GEM Extensively grown for private use. Small and sweet; one of the very best salmon fleshed sorts.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

HEARTS OF GOLD A medium-sized round melon with well-netted skin and thick orange flesh of excellent quality.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

LAKE CHAMPLAIN An extra early variety of fine quality, medium-sized, flattened in shape with deep salmon flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

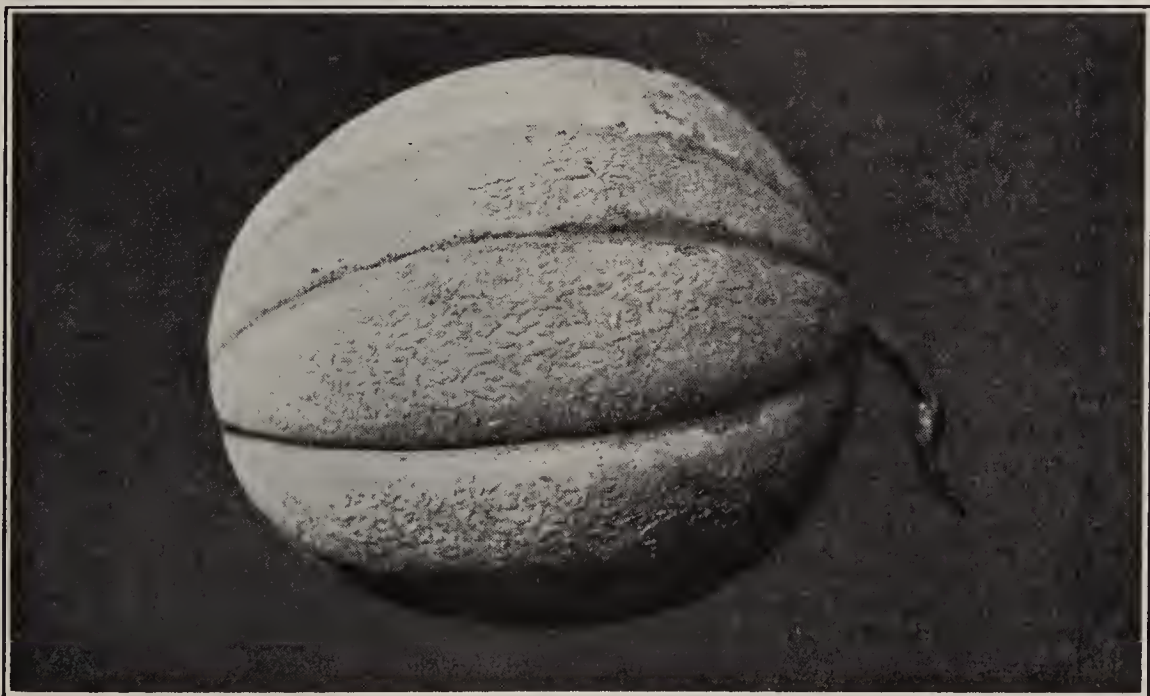


Milwaukee Market

MILWAUKEE MARKET Similar to Bender's Surprise, well netted with firm rind. Good shipper. Prolific and of good quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

HALE'S BEST New early melon of the Rocky Ford shape with thick salmon flesh and small seed cavity.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

HONEY ROCK An exceptionally fine new melon. Heavy producer of large round melons with very sweet salmon flesh.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50



Delicious

WATERMELON

Watermelons require the same treatment as Muskmelons except that they should be planted 8 to 10 feet apart. They are a trifle hardier and may be planted a few days earlier.

COLE'S EARLY Extra early and a sure cropper. Round with striped skin and rich red flesh.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

ICE CREAM (PEERLESS) Light green oval fruit with scarlet flesh of good quality; white seeded.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

IMPROVED KLECKLEY'S SWEET (WONDER MELON) Earliest of the long green melons. Very thin rind with sweet, bright red flesh. Not a good shipper but recommended for the home garden and nearby markets.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

KING AND QUEEN WINTER A new melon entirely distinct from other Watermelons. Small and round in shape, and may be kept like the Casaba or Winter Muskmelon until thoroughly ripe before eating, at which time they are surprisingly delicious.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

PRIDE OF MUSCATINE Medium early long dark green melon resistant to wilt. Firm rind with beautiful deep red flesh which is sweet, crisp and tender.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

CITRON FOR PRESERVES, RED SEEDED

Round striped melon used for preserving.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

OKRA

The green pods of this plant are much used for soups and stews and are wholesome and nutritious. Sow in late spring in rows 2 to 3 feet apart and thin to 9 to 12 inches apart.

DWARF GREEN Dwarf, stocky growth; early and a prolific bearer.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 50c.

PERKINS' MAMMOTH LONG PODDED Pods long and slender, pale green and of excellent quality.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 50c.

ONION

For this important crop a clean, rich piece of land should be selected. As early as possible in the spring work the soil into a mellow, loose condition and fertilize well. Sow in rows 15 inches apart, covering lightly. When plants are strong enough to handle thin out to 2 inches apart. Cultivate frequently and remove all weeds. Early Onions are produced by sowing the seed in hotbeds in February or March and transplanting, also by planting Onion Sets.

EARLY YELLOW GLOBE A heavy yielding new variety maturing three weeks earlier than other globe shaped varieties; color light golden yellow.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. 90c; Lb. \$3.00.



Improved Kleckley's Sweet

JAPANESE OR EBENEZER A popular variety with brownish yellow skin and excellent keeping qualities. Does not grow large from seed but is extensively used for producing sets, which grow to a large size and produce few seed stalks.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00;
5 lbs. \$9.25.

SOUTHPORT YELLOW GLOBE Large and globular with rich yellow skin; very popular in all markets.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. .90c; Lb. \$3.00;
5 lbs. \$14.25.



Southport Yellow Globe



Onion Sets

SOUTHPORT RED GLOBE Of perfect globe shape; good size with deep red skin, flesh fine-grained and mild.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.25.

SOUTHPORT WHITE GLOBE Handsome globe-shaped bulb. Grows to a large size with pure white skin and flesh of mild flavor.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. 90c; Lb. \$3.00.

YELLOW GLOBE DANVERS A favorite variety for winter use. The bulbs are nearly globe-shaped, but slightly flattened. Skin is light yellow. Splendid keeper.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50; 5 lbs. \$11.75.

MOUNTAIN DANVERS Fine medium early, globe shape but slightly flattened. The beautiful dark yellow bulbs are thick skinned and excellent quality for shipping or storage.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50; 5 lbs. \$11.75.

SWEET SPANISH An immense, ball-shaped, light yellow variety with small neck. Particularly adapted to moist soils which will allow a long season for maturity. Produces very fine large bulbs when transplanted. Flavor very mild.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50.

WETHERSFIELD LARGE RED Produces Onions of large size, flattened and attractive in appearance. The outer skin is dark red, smooth and glossy, while the white flesh is faintly tinged with pink, and rather highly flavored. Fine keeper.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00; 5 lbs. \$9.25.

WHITE PORTUGAL (SILVERSKIN) Early maturing flat bulb, silvery white and of mild flavor. The smaller bulbs are used for pickling. Also planted in late August for pulling in spring.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.25.

PRIZETAKER Late in season, growing to a large size, especially if transplanted. Bulbs are straw colored and of uniform globe shape.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.25;

WHITE BARLETTA Best of the small, flat, pickling sorts. Extra early, clear white and small topped.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

WHITE LISBON A quick growing white variety that does not produce a very solid bulb, but is used for the stalks which are pulled for rare-ripes.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

HARDY WHITE BUNCHING A strong growing Japanese variety which is planted in August and matures a crop of fine large rare-ripes in early spring.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

ONION SETS

These are small Onions grown the year previous and stored for spring planting. They grow rapidly and produce a fine crop of large bulbs much earlier and surer than from seed. Plant very early in spring in 14 inch rows 2 to 3 inches apart and cover deeply with earth. Also used in home gardens for rare-ripes which are produced early and are of fine quality. Prices subject to market change.

WHITE (WHITE PORTUGAL)

RED (WETHERSFIELD LARGE RED)

JAPANESE OR EBENEZER (YELLOW)

Lb. 30c; 4 lbs. 90c; 8 lbs. \$1.50, postpaid.

GOLDEN GLOBE New variety with large globe shaped bulbs. Good keeper.

Lb. 30c; 4 lbs. \$1.00; 8 lbs. \$1.65, postpaid.

EGYPTIAN OR TOP SETS Produce early rare-ripes when planted in the fall. Ready in August.

Lb. 20c; 4 lbs. 60c, postpaid.

Larger quantities at market price.

PARSLEY

The seed germinates very slowly and in dry weather should be soaked in cold water for a few hours before planting. Sow early in spring in rows 12 inches apart.

PLAIN OR COMMON Leaves flat, not curled; sometimes called Italian Parsley.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

MOSS CURLED Dark green leaved, beautifully curled; very fine and uniform strain.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

PEERLESS (Dark Green Curled) A new selection, extra dark green in color, finely curled, long stemmed and very hardy.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

HAMBURG TURNIP ROOTED The edible root of this variety resembles a small Parsnip and is used in soups and stews; leaves plain.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

PARSNIP

Sow before May 15th in rows 18 inches apart covering lightly. Thin to 2 or 3 inches apart. Parsnips are improved by frost; they are quite hardy and may be left in the ground through the winter.

CHAMPION HOLLOW CROWN Smooth, clean and perfectly formed. One of the best for general use.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

IDEAL HOLLOW CROWN Medium length, pure white, smooth, and inclined to grow without side roots, ending in several small roots rather than a single, long, tapering tap-root.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

PEAS



Gradus

Peas should be sown as early as possible in order to mature before the hot summer weather. To secure an extra early crop the smooth seeded varieties may be sown just as soon as the ground can be worked. The wrinkled varieties are not quite as hardy and should be planted a little later. Sow 2 or 3 inches deep in single or double rows 3 to 4 feet apart. The tall growing sorts require brush or other support. This is not so necessary for the dwarf varieties but they are greatly benefitted if kept up off the ground. Approximate weights; 1 bu. 56-60 lbs; 1 qt. 2 lbs; 1 pt. 1 lb. For best results inoculate with Nodogen. Bushel size 50c; garden size 25c.

15 lbs. of any variety at the 100 lb. rate
5 lbs. of any variety at the 10 lb. rate.

FIRST AND BEST A very old variety known by many names, but still one of the earliest croppers. Seed smooth; height 2½ feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
 Not prepaid, 100 lbs. 16c per lb.

CARTER'S EIGHT WEEKS An exceptionally early pea of good quality; height 18 inches; seed nearly smooth; can be planted very early.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
 Not prepaid, 100 lbs. 18c per lb.

GRADUS (WORLD'S RECORD STRAIN) One of the earliest and most popular of all the large-podded wrinkled peas. The vines are vigorous and healthy, yielding uniform large pods well filled with handsome large peas of delicious quality. For best results the vines should be brushed. Height 3 feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
 Not prepaid, 100 lbs. 16c per lb.

THOMAS LAXTON In some sections this pea is claimed to possess greater merit than the famous Gradus, which in many characteristics it closely resembles. The pods are not quite as large, but are more numerous and well filled with peas of extra fine quality. Height 3 feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
 Not prepaid, 100 lbs. 16c per lb.

SUTTON'S EXCELSIOR A handsome dwarf variety which comes into bearing very early. Considered by many the best all around pea for the home garden. The vines are stout and hardy and produce in abundance large, straight, pale green pods.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
 Not prepaid, 100 lbs. 17c per lb.

LITTLE MARVEL A small-podded variety popular on account of its prolific habit and fine quality; height 18 inches. Very early.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

HUNDREDFOLD (IMPROVED LAXTONIAN)
The sturdy vines grow vigorously with dark green leaves and are very productive of large deep green pods. This variety is very reliable and we highly recommend it for both private and market gardens. Height 18 inches.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.
Not prepaid, 100 lbs. 16c per lb.

GILBO New large podded midseason variety with vigorous vines two feet tall. One of the surest cropping kinds.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

DWARF ALDERMAN (Improved Dwarf Telephone) Large podded and late with short stocky dark green vines and fine dark green pods.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

DUPLEX New dwarf pea which bears a heavy crop of medium sized dark green pods in twos. A week later in season than Dwarf Alderman.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

TELEPHONE This variety is a leader for the late main crop. The pods are long and dark green in color with peas of finest quality. Height 4 feet.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.
15 lbs. of any variety at the 100 lb. rate
5 lbs. of any variety at the 10 lb. rate.

PEPPER

Pepper seed is slow to germinate and after sowing should be kept warm and moist. Sow in hot-bed in March or April and transplant in rich, well-prepared soil in rows 30 inches apart and 18 inches between plants. Keep the soil well cultivated and free from weeds.

CALIFORNIA WONDER A large, late, thick-meated variety, unusually solid and heavy; regular in shape and uniform in size; very sweet.
Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.65; Lb. \$6.00.

HARRIS' EARLY GIANT Earlier and more productive than other large-fruited varieties. Plant sturdy and compact. Fruit large and sweet.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.30; Lb. \$4.50.

LARGE BULL NOSE, HOT Medium-sized, square ended fruit; very hot.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

LARGE SWEET CHEESE A thick-meated, Tomato-shaped Pepper, very prolific and sweet.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

LARGE SWEET MOUNTAIN Large blocky-fruited variety, medium-early and a good bearer.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

NEAPOLITAN (SWEET ITALIAN) Extra early, with light green slender fruit growing upright; very mild flavor.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.



California Wonder

RUBY KING, IMPROVED Large uniform fruit of fine red color when ripe; sweet.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

WORLDBEATER A very large thick-meated Pepper of mild flavor, maturing early enough to be a good cropper.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

LONG RED CAYENNE Slender, pointed fruit, somewhat twisted. Bright red and very hot.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.40; Lb. \$5.00.

LONG RED CAYENNE, LARGE Fruits are about three times the size of the slender variety.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.30; Lb. \$4.50.

LARGE RED CHERRY Flattened round fruit $1\frac{1}{2}$ inches in diameter. Bright red when ripe and very pungent.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.40; Lb. \$5.00.

PUMPKIN

Best results are obtained when planted in rich soil. When the ground has become warm plant the seeds in hills 8 to 10 feet apart each way. The vines being rank growers require ample space in which to spread. Thin out the seedlings, leaving 3 or 4 of the strongest in each hill. Pumpkins are often grown in the cornfield, 3 or 4 seeds being dropped in every third or fourth hill at the same time as the Corn.

CONNECTICUT FIELD A large, oblong, yellow variety, flattened at the ends; grown chiefly for feeding stock.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

KING OF THE MAMMOTHS Fruits grow to an enormous size. The skin is salmon orange with very thick and tender flesh. Used for pies and stock feeding.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

SMALL SUGAR Prolific, fine-grained and sweet. One of the best pie Pumpkins.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

RADISH

Radish grows quickly and can be sown between rows of slower-growing crops without interfering. For an extra early crop sow in the greenhouse or hotbed in January or February. Garden culture may commence as soon as the frost has disappeared. For a continuous supply sow at intervals of two weeks until September. Sow in rows 8 to 10 inches apart, covering lightly. Be careful to sow the seed very thinly or thin the seedlings to 1 inch apart.

GLOWING BALL New round bright red forcing variety. Roots have less tendency to split than other forcing sorts.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

EARLY DEEP SCARLET FORCING An early round Radish with extra short top. Ideal for forcing in greenhouse or frame.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY SCARLET GLOBE, SELECT STRAIN

Medium length tops, roots very regular and uniformly bright and attractive in color. A superior strain for market planting.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 70c; 10 lbs. \$6.00.

EARLY SCARLET GLOBE Fine oval brilliant scarlet roots, somewhat less uniform and longer topped than our Select Strain.

Lb. 55c; 10 lbs. \$4.50.

EARLY DEEP SCARLET TURNIP Small and round with dark scarlet skin and crisp white flesh.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 70c; 10 lbs. \$6.00.

EARLY SCARLET TURNIP, WHITE TIP (Sparkler) Round with crimson top and white tip. In every respect a satisfactory sort; tender and crisp.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

FRENCH BREAKFAST Oblong, scarlet with white tip. Good for forcing or outdoor culture.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

LONG WHITE ICICLE A good all year variety with long, waxy, white roots of high quality.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

GIANT WHITE STUTTGART A large summer or fall variety with smooth, white, Turnip-shaped roots 3 to 4 inches in diameter.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c.

ROUND BLACK FALL SPANISH Winter variety. Smooth, round, coal-black roots 3 to 4 inches in diameter.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.



Early Scarlet Globe

SALSIFY

Sow in light deep soil in rows 15 inches apart and thin to 2 or 3 inches. The roots should be well-grown in October, when a supply may be stored for winter use, or the roots may be left in the ground like Parsnips.

MAMMOTH SANDWICH ISLAND Grows to an extra large size and quite smooth. Very mild and delicate in flavor.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

SORREL

Often called Sour Grass. When once planted, beds last for several years. Sow in spring or summer in 15 inch rows. Runs to seed unless kept cut.

LARGE LEAVED Large broad leaves, light green in color.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.40.

NARROW LEAVED Long slender leaves, rather upright in growth; very desirable new variety.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; Lb. \$2.50.

RHUBARB

Rhubarb can be easily grown from seed planted in the spring. Thin the seedlings to 1 foot apart and in the fall or following spring transplant the most desirable of them in rich garden soil 3 feet apart each way. Fertilize heavily for large stalks.

VICTORIA The most popular variety. Large red and green stalks of the best quality.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.50.

SPINACH

The most important greens crop. It is very hardy and will stand considerable freezing weather, but many varieties run to seed rapidly in hot weather. It is of easy culture and by successional sowing a supply may be secured throughout the season. For early spring use sow in late September and protect with hay or straw through the winter. May be sown in spring as early as the ground can be worked, either in rows or broadcast. Summer sowings should be on freshly plowed ground and the soil packed hard about the seed, as the seed will not germinate in dry soil. Treatment of seed with Red Copper Oxide is recommended especially for summer planting or on land where Spinach is subject to "damping off".



Savoy Leaved, Longstanding

SAVOY LEAVED, RESELECTED (Dark Green)

A valuable hardy variety for spring or fall sowing, but runs to seed quickly in hot weather. This strain has extra dark green leaves, very thick and finely curled.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.70.
Not prepaid, 100 lbs. 20c per lb.

SAVOY LEAVED, LONGSTANDING An outstanding improvement in Spinach for late spring and summer use. Matures a few days later than the reselected type and runs to seed very slowly, even in hot weather.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.70.
Not prepaid, 100 lbs. 20c per lb.

SPECIAL SUMMER SAVOY Extra longstanding dark green curled for summer planting.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.90.

SAVOY LEAVED, VIRGINIA YELLOWS RESISTANT

A special type developed by the Virginia Experiment Station to overcome the "yellows", or Spinach Blight, which seriously affects the fall crop. Very hardy and grows vigorously in the late fall, but cannot be sown at other seasons without quickly running to seed.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.70.
Not prepaid, 100 lbs. 20c per lb.

OLD DOMINION A new, longstanding variety resistant to yellows. Leaves are dark green, larger than Savoy, and a little less curled.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.90.
Not prepaid, 100 lbs. 22c per lb.

VIKING New dark green longstanding type with very large broad leaves, slightly curled. If thinned out grows to enormous size.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 40c; 10 lbs. \$3.20.

NOBEL GIANT (IMPROVED THICK LEAVED)

A new smooth leaved variety, very large leaved, medium green in color and long standing.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$2.70.
Not prepaid, 100 lbs. 20c per lb.

LARGE VIROFLAY, RESELECTED

An improved type with very broad leaves, dark green and quick growing.

One of the best smooth leaved varieties.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c;
10 lbs. \$2.50.

Not prepaid, 100 lbs. 18c per lb.

KING OF DENMARK Vigorous, spreading plant with long-stemmed dark green leaves very slow in growth and standing longer than any other variety before running to seed.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c;
10 lbs. \$2.90.

Not prepaid, 100 lbs. 22c per lb.

PRINCESS JULIANA An outstanding type of longstanding Spinach. Very large crumpled leaves of an intense dark green color, forming a compact rosette.

While it is slow growing it may be cut much earlier than King of Denmark.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c;
10 lbs. \$2.90.

Not prepaid, 100 lbs. 22c per lb.

NEW ZEALAND A plant used like Spinach, but entirely different. It flourishes in almost any soil and grows most rapidly during hot weather. It is of a running and branching nature and continues to grow after cutting, thus producing a supply of greens throughout the season. Only the tender tips of the branches should be used. The seed is very hardshelled and should be soaked in warm water several hours before planting.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c.
10 lbs. \$5.00.

MUSTARD SPINACH (TENDERGREEN) A quick growing greens plant introduced from China. Produces an immense crop of tender Mustard-like leaves in 25 days. Grows well in the hot summer months.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.



Giant Summer Straightneck

SQUASH

Warm and highly manured soil is required for the most successful culture of Squash. The summer kinds, nearly all of which are of bush growth, should be planted in hills 4 feet apart each way, while the winter and other running varieties require 8 to 10 feet. When thinning, leave only 3 or 4 plants to a hill. Winter Squashes are frequently grown in cornfields in the same manner as Pumpkins.

Summer Varieties

EARLY BUSH SUMMER CROOKNECK One of the best and most popular Summer Squashes. Early and productive; fruits medium size, heavily warted and golden yellow. If fruits are kept picked will bear over a long season.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

GIANT SUMMER CROOKNECK Similar to the early variety, but attains a much larger size and is a better market variety.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

GIANT SUMMER STRAIGHTNECK A selection from the Giant Crookneck having a straight instead of a crooked neck. Our strain is the light colored type which brings a higher price in market.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.25.

COCOZELLE (Italian Vegetable Marrow) Bush type, bearing long dark green fruit, becoming mottled or striped with light green when ripe. The green fruits are edible without paring and are of excellent quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.30.

ITALIAN CLIMBING Extra long, light green Italian Squash with slender fruit. When grown on a trellis the fruit are quite straight and 4 feet long.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

DES MOINES, OR TABLE QUEEN A thin-shelled acorn-shaped variety with trailing vine, dark green skin and light yellow flesh. Fruits are about 8 inches long and are served baked in halves.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.50.

Winter Varieties

BOSTON MARROW A good-sized fall or winter variety with bright orange skin and thick flesh of good quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

DELICIOUS Unexcelled as a fall or winter Squash for table use. Fruit medium-sized, heart shaped and varying in color from light to dark green. Flesh dark orange, and, as the name suggests, of delicious flavor.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.30.

ESSEX HYBRID (WARREN TURBAN) New strain of the old favorite flat turban squash. Deep orange red, well warted with thick flesh of excellent quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.30.

GOLDEN DELICIOUS A most attractive bright orange variety in size and shape like Delicious, which it even surpasses in flavor. We recommend this highly for both market and home use.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.30.

BLUE HUBBARD A large bluish-gray Squash with a very hard shell, making it an excellent keeper. Flesh golden, dry and good quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.30.



Blue Hubbard

GOLDEN HUBBARD Medium-sized with deep reddish, rough skin and fine-grained sweet flesh.
Pkt 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb.. \$1.30.

HUBBARD, IMPROVED GREEN Tough dark green skinned and bright yellow fleshed; when cooked very dry and sweet. Splendid keeper and shipper.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.



Marglobe. (Pritchard, Break O'Day and Scarlet Dawn are similar shape)

TOMATO

To furnish desirable early plants the seed should be sown in February or March in a hotbed or box kept in a warm place. When the plants are about 2 inches high thin, or better, transplant to 4 inches apart each way to ensure stocky plants. About the 10th of May, or as soon as danger from frost is past, transplant to the open ground, setting about 3 feet apart each way. They should be frequently cultivated. The fruit will ripen earlier and be improved in quality if the vines are pruned to two stems and trained to stakes or trellises. Plants for late summer and fall crops may be started from seed in May or early June.

Early Varieties

BONNY BEST, RESELECTED A popular variety with market gardeners and excellent for home use. It ripens evenly and nearly as early as the extra early varieties and is smooth and free from cracks. The bright scarlet fruits are firm and of good quality. Seed saved from plants carefully selected for uniform and perfect fruit.

Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25; Lb. \$8.00.

BONNY BEST A good commercial strain for general use. Seed of our own growth and of better quality than most strains.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

BREAK O' DAY A new and extremely early, globe-shaped, red variety resembling Marglobe in shape and growth. Although producing a heavy crop of fruit over a long season, it is somewhat liable to discolor in hot weather and is only recommended for early use.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

CHALK'S EARLY JEWEL An early and continuous bearer of large, smooth, bright red fruit. Of finest quality.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

EARLIANA Extra early. Our strain is smooth and deeper colored than the ordinary type.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

JOHN BAER A fine type of round early Tomato. A continual bearer of medium-sized bright red fruit, particularly fine for canning whole.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

PENN STATE New extra early round scarlet. Produces a heavy crop of fruit with perfect shape and color at first picking.

Pkt. 10c; $\frac{1}{2}$ Oz. \$1.00; Oz. \$1.85; $\frac{1}{4}$ Lb. \$6.00.

PRITCHARD (SCARLET TOPPER) This new, early, globe shaped variety is popular on account of its large, bright red fruit and heavy yield.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

Main Crop Varieties

DWARF CHAMPION Second-early deep purple sort with compact and vigorous plants. Produces well in gardens where space is limited.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.40; Lb. \$5.00.

DWARF STONE Vine dwarf and stocky, producing large smooth fruit of a fine deep red color.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.40; Lb. \$5.00.

SCARLET DAWN Medium sized early globe shaped, bright scarlet, ripening well to the stem. A week earlier than Marglobe and very prolific.

Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25; Lb. \$8.00.

MARGLOBE A bright red, rust-resisting, globe-shaped, second-early variety introduced by the U. S. Department of Agriculture. Very meaty and nearly coreless; valuable shipping and market variety.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

MARGLOBE, RESELECTED From the finest plants in a special strain. For those who want the best.

Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25; Lb. \$8.00.

PONDEROSA One of the largest and heaviest Tomatoes grown; purplish crimson in color. The fruit is very fleshy with few seeds and practically free from acidity.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.40; Lb. \$5.00.

TOMATO—Continued

NYSTATE New variety developed by the New York Agricultural Experiment Station. Second early garden and canning sort. Fruit deep red, large, flattened globe shape, free from cracks and ripening without green spots.
Pkt. 25c.

RUTGERS A new variety resulting from a Marglobe cross. Fruits are medium to large, globe shape but flattened at stem end. The flesh is very firm and red.
Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25.

STONE Standard late red sort for general use.
Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

GOLDEN QUEEN Beautiful bright yellow; of large size; smooth and early. Good for slicing and preserving. Very attractive when served in alternate slices with red varieties.
Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.75.

Small Fruited Varieties

Yellow Peach	Red Currant
Yellow Pear	Red Cherry
Yellow Plum	Red Peach
Strawberry or Husk	Red Pear
Red Plum	

Pkt. 10c; Oz. 50c.

TURNIP

The Turnip is a cool weather crop and should be sown very early in spring for early use, generally in rows 15 inches apart. For fall use sow broadcast in late July or August, being careful to sow the seed evenly and not too thick.

EARLY PURPLE TOP MILAN Extra early, flat and smooth; white with purple top.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY WHITE MILAN Pure white and extra early. The early varieties are not good keepers. Generally sold in bunches.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY SNOWBALL Desirable for table use and early market. Medium size, round and snowy white.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.



Improved Purple Top Yellow

GOLDEN BALL A medium-sized, smooth, round root with deep yellow skin and light yellow flesh; fine garden variety.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 65c.

LARGE YELLOW GLOBE Fine standard variety for table use or feeding stock. Grows to a large size and is a reliable winter keeper. Yellow with a green top; fine-grained.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 65c; 5 lbs. \$2.75.



Purple Top White Globe

PURPLE OR RED TOP WHITE GLOBE A large white globular root with clearly defined purple top; fine for market and private use. Mild flavor.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 65c; 5 lbs. \$2.75.

WHITE EGG A beautiful egg-shaped Turnip of quick growth. Thin white skin, flesh pure white, firm and sweet.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 65c; 5 lbs. \$2.75.

JAPANESE SHOGON A newly introduced variety with smooth leaves which are resistant to plant lice; globe-shaped, smooth, white roots.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

RUTA BAGA

The Swedish Turnip, also known as Stone or Rock Turnip. A very large, late type with bluish leaves and requiring a longer season and more room to develop than the other Turnips. Sow in June in rows 18 to 24 inches apart and thin to 6 inches in the row. May be transplanted.

IMPROVED PURPLE TOP YELLOW Fine shortnecked strain, smooth and medium-sized. Flesh rich yellow, solid and sweeter than ordinary Turnips. Fine keeper when full grown.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 75c; 5 lbs. \$3.25.

SHARPE'S A1 Large round yellow with bright purple top. Early with firm yellow flesh and short but distinct neck.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

MACOMBER (IMPROVED WHITE ROCK) A shortnecked white variety much smoother than other strains. Pure white with slight green top.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 75c; 5 lbs. \$3.25.

TOBACCO

Sow seed broadcast in frames as early as danger of frost will permit. Keep warm and well moistened. Transplant into rows 3 to 4 feet apart and cultivate thoroughly. Our seed is from Connecticut Valley strains famous for quality and yield.

CONNECTICUT SEED LEAF A fine broad-leaved type grown extensively for cigar wrappers.
Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00.

HAVANA Open field type. Smaller leaved than Conn. Seed Leaf and more delicate.
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

SUNFLOWER

Not a vegetable, but commonly grown in vegetable gardens, and occasionally as an ensilage crop.

MAMMOTH RUSSIAN The giant-flowered tall growing sort with enormous leaves.
Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 25c.

HERBS

Listed among the herbs are found a wide variety of plants used for flavoring and medicinal purposes. Most of them are small seeded and delicate when in the seedling stage. Generally sown in early spring on light soil, not too rich.

ANISE Annual; the aromatic seeds have a pleasant odor and agreeable taste.
Pkt. 10c; Oz. 25c.

BALM Perennial; leaves have a sweet lemon odor.
Pkt. 10c; Oz. 50c.

BORAGE Strong-growing annual; used as a pot herb. The bright blue flowers provide fine bee pasturage.
Pkt. 10c; Oz. 25c.

CARAWAY The seeds are in common use for flavoring bread and pastry. Seeds are not produced until the second year.
Pkt. 10c; Oz. 25c.

CATNIP Grown for the Mint-like leaves which are much relished by cats.
Pkt. 10c; Oz. \$1.00.

CORIANDER Easily grown annual with aromatic seeds; used in confectionery and pastry.
Pkt. 10c; Oz. 25c.

FENNEL, LARGE SWEET Hardy perennial with pleasant tasting seeds and leaves.
Pkt. 10c; Oz. 15c.

HOREHOUND Perennial with bitter tasting leaves, used medicinally.
Pkt. 10c; Oz. 50c.

HYSSOP The flowers of this hardy perennial are used as a mild tonic.
Pkt. 10c; Oz. 50c.

LAVENDER Grown for the sweet-scented flowers. Seed is very difficult to germinate.
Pkt. 10c; Oz. 50c.

PEPPERMINT Well known mint for flavoring.
Pkt. 10c; Oz. \$3.00.

ROSEMARY Hardy perennial with fragrant odor, used for seasoning meats and soups.
Pkt. 10c; Oz. 50c.

RUE Bitter flavored hardy perennial, used medicinally.
Pkt. 10c; Oz. 50c.

SAFFRON A strong-growing annual; flowers are used for coloring.
Pkt. 10c; Oz. 50c.

SAGE, BROAD LEAVED In common use for seasoning. Perennial.
Pkt. 10c; Oz. 40c.

SPEARMINT A spreading perennial for flavoring.
Pkt. 10c; Oz. \$3.00.

SUMMER SAVORY Easily grown annual for seasoning.
Pkt. 10c; Oz. 50c.

SWEET BASIL An aromatic annual with a strong sweet flavor, used for seasoning.
Pkt. 10c; Oz. 30c.

SWEET MARJORAM Annual; the tender leaves and tops are used for seasoning dressings and soups.
Pkt. 10c; Oz. 50c.

THYME, BROAD LEAF An aromatic perennial used in seasoning and medicinally.
Pkt. 10c; Oz. 50c.

WORMWOOD An extremely bitter perennial used medicinally. Sometimes grown for its attractive silvery foliage.
Pkt. 10c; Oz. 50c.



Petunia, Dwarf Giants of California

FLOWER SEEDS OF SUPERIOR QUALITY

Excellent success with annuals may be had by sowing in beds where they are to flower. The hardier varieties such as Calendulas, Larkspurs, Centaureas and Poppies may be sown very early, while the more tender Balsams, Nasturtiums, Marigolds and Zinnias are best planted later when the ground is warm. Prepare the soil carefully, making it soft and fine, and sow the seed in rows or broadcast. When the seedlings are large enough thin them out so that they stand about half as far apart as their maximum height.

Very fine seeds, such as Portulaca and Petunia, should be sown on the surface and the soil pressed firmly with a rake or board. Larger seeds may be covered about as deep as four times their diameter. It is well to press the soil firmly above them and water frequently.

To condense description we have followed each variety with letters which indicate as follows: h-hardy; hh-half hardy; t-tender; A-annual; B-biennial; P-perennial; C-climber; R-Rock plant; figures indicate the approximate height. These letters indicate the manner in which the plants are commonly used, rather than a strict botanical classification.

ACHILLEA (Sneezewort) [hP 2 ft.]

Ptarmica, The Pearl Clusters of small double white flowers borne in profusion throughout the summer. Fine for cutting. Pkt. 10c.

AGERATUM MEXICANUM (Floss Flower)

[hhA] Useful for bedding, remaining in bloom all summer. Small feathery flowers in large clusters.

Blue 18 in. Useful for cutting. Pkt. 10c; Oz. 40c.

Imperial Dwarf Blue 10 in. Fine bedding plant. Pkt. 10c; Oz. 50c.

Blue Ball 6 in. Best compact dwarf blue for bedding. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

ALYSSUM (Madwort) Compact and free-flowering, carpet of fragrant white flowers June to frost.

Maritimum [hA 10 in.] Fragrant, good for cutting. Pkt. 10c; Oz. 30c.

Little Gem (Compactum) [hA 6 in.] Dwarf, blooms profusely. Pkt. 10c; Oz. 50c.

Carpet of Snow (Procumbens) [hA 4 in.] Dwarf and spreading, pure white. Pkt. 10c; $\frac{1}{2}$ Oz. 40c.

Saxatile Compactum (Basket of Gold) [hP R 9 in.] Golden yellow, flowering in early spring. Pkt. 10c; $\frac{1}{4}$ Oz. 30c.

AMARANTHUS [hhA] Ornamental foliage plants, useful for backgrounds.

Molten Fire $2\frac{1}{2}$ ft. Intense glowing scarlet. Pkt. 10c.

Mixed 3 ft. Many beautiful varieties. Pkt. 10c;

ANCHUSA

Italica, Dropmore variety [hP-3 ft.] The flowers resemble large Forget-me-nots of intense blue. Blooms in June and July. Pkt. 10c.

ANTIRRHINUM (Snapdragon) [hA-B]

Rust Proof Mixture 2 ft. New strain with healthy green foliage, 75% rustproof. Well balanced mixture which should increase the popularity of Snapdragons as garden flowers. Pkt. 15c.

Majestic, Mixed 18 in. Semi-dwarf in height with flowers practically as large as the giant Maximum type. Pkt. 15c; $\frac{1}{4}$ Oz. 40c.

Semi-dwarf Mixed 18 in. Splendid large-flowered bedding type. Pkt. 10c; $\frac{1}{2}$ Oz. 25c.

Tall Maximum Mixed 3 ft. Giant-flowered, requires staking. Pkt. 10c; $\frac{1}{2}$ Oz. 50c.

AQUILEGIA (Columbine) [hP]

Long-spurred Hybrids 2 $\frac{1}{2}$ ft. Imperial strain, extra large flowered in finest color combinations. Pkt. 15c; $\frac{1}{8}$ Oz. 45c.

Coerulea (Rocky Mountain Columbine) 2 ft. Deep blue and white. Pkt. 15c.

Crimson Star 2 ft. Brilliant dark crimson with white center. Pkt. 25c.

ARABIS (Rock Cress) [hP-R]

Alpina 9 in. Spreading tufts which become a sheet of white bloom in early spring. For sunny rockeries. Pkt. 10c.

ARCTOTIS (African Daisy, blue-eyed) [hA]

Grandis 2 ft. Daisy-like white flowers, long stemmed. Pkt. 10c.

ARMERIA (Thrift or Sea Pink) [hP-R]

Maritima 6 in. Deep rose, beautiful for edgings. Pkt. 10c.

ASTER [hhA] Has few rivals for popularity. Ideal as a bedding plant and unexcelled for cutting. We offer a wide variety of types differing in shape of flower, height and season.

Imbricated Pompon 18 in. Upright plant with numerous small cushion centered flowers, most useful for cutting. Mixed Pkt. 10c.

Aurora, Golden Sheaf Deepest yellow aster yet offered, unique crest-like center of tubular florets. Wilt resistant. Pkt. 15c.

Giant Crego Comet (Wilt Resistant) 2 ft. Giant blooms 4 to 5 inches across with graceful curled and twisted petals.

Lavender	Purple	Rose Pink
Shell Pink	White	Mixed
Pkt. 10c; $\frac{1}{4}$ Oz. 45c. Oz. \$1.50.		

Semp'e's Branching (Wilt Resistant) 2 ft. Standard cut flower variety; strong and long stemmed with full double flowers, petals incurved.

Crimson	Lavender	Purple
Rose Pink	Shell Pink	White
Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 45c; Oz. \$1.50.		

Heart of France 2 ft. Best deep red Aster. Branching type. Pkt. 10c; $\frac{1}{4}$ Oz. 45c; Oz. \$1.60.

Early Beauty 2 $\frac{1}{2}$ ft. (Wilt Resistant) Giant flowered, medium late, extra long stemmed. Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 45c; Oz. \$1.50.

Super Giant of Los Angeles 3 ft. Largest and most fully double aster. Lovely shell pink with curled petals. Pkt. 15c; $\frac{1}{4}$ Oz. \$1.00; Oz. \$3.00.

California Giants 2 $\frac{1}{2}$ ft. Outstanding late type with big, long-stemmed flowers, petals twisted and interlaced. Mixed Pkt. 15c; $\frac{1}{4}$ Oz. 55c; Oz. \$1.80.

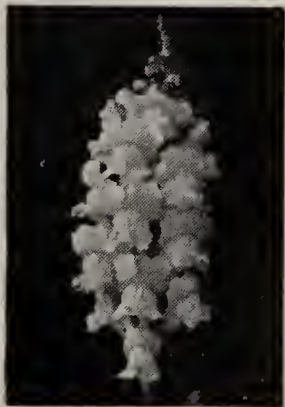
Queen of the Market 18 in. (Wilt Resistant) Extra early, full double and free-flowering.

Deep Blue	Dark Scarlet	Flesh Pink
Lavender	Rose	White
Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 40c; Oz. \$1.25.		

Single California Giants 2 $\frac{1}{2}$ ft. Giant single flowers with bright yellow center. Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 30c; Oz. \$1.00.

California Sunshine 2 $\frac{1}{2}$ ft. Strikingly beautiful blooms having a single row of petals and a center of tufted short florets. Improved type. Mixed Pkt. 15c; $\frac{1}{4}$ Oz. \$1.00.

Tall Late Varieties Mixed 2 $\frac{1}{2}$ ft. A wonderful collection of all the different types, in almost every shade. Pkt. 10c; $\frac{1}{4}$ Oz. 30c; Oz. \$1.00.



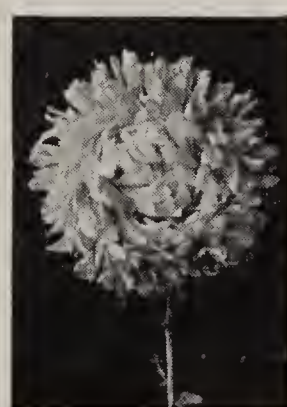
**Antirrhinum
Majestic**



**Arctotis
Grandis**



**Aster
Giant Crego**



**Aster
Early Beauty**



Balsam
Camellia-flowered



Calendula
Chrysantha



Candytuft
Gt. Hyacinth-fl.



Carnation
Margaret

AUBRETIA (Rock Cress) [hP-R] Dwarf free-flowering plant with masses of lilac and purple flowers.

Large-Flowered Hybrids 4 in. Splendid mixture. Pkt. 15c.

BALSAM (Lady's Slipper) [hhA] Of pyramidal growth, bearing double, waxy, rose-like flowers which cover the center stalk of the plant.

Double Camellia-flowered Mixed 18 in. Pkt. 10c; Oz. 35c.

BALSAM APPLE [tC] Slender vine with peculiar warted fruit which split when ripe showing a brilliant blood red interior. Pkt. 10c.

BELLIS PERENNIS (English Daisy) [hP-R 8 in.] Early spring favorite; fine for borders; benefited by partial shade.

Monstrosa, Double Rose Giant flowered. Pkt. 10c; $\frac{1}{4}$ Oz. 45c; Oz. \$1.50.

Monstrosa, Double White Pkt. 10c; $\frac{1}{4}$ Oz. 45c; Oz. \$1.50.

Double Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 25c; Oz. 75c.

CALENDULA (Pot Marigold) [hA 18 in.] Large double flowers; blooms all summer; most useful as a cut flower.

Chrysantha Long-stemmed clear yellow with incurving petals resembling a Chrysanthemum. A profuse bloomer over a long season. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

Art Shades A new range of color in this popular flower, in fact almost every known color from white through cream and buff to dark orange. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Ball's Gold Handsome golden yellow; long stemmed. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Ball's Orange Fine double orange; plants erect. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Campfire Flat blooms; brilliant orange with scarlet sheen. Pkt. 15c; $\frac{1}{4}$ Oz. 20c.

Orange Giant Extra select garden variety. Pkt. 10c; Oz. 30c.

Orange Shaggy Graceful lacinated petalled type with deep orange petals. Most attractive. Pkt. 15c.

Double Mixed Many varieties in well-blended mixture. Pkt. 10c; Oz. 20c.

CALLIOPSIS Showy and effective daisy-like flowers for garden decoration and cutting.

Mixed [hA 2 ft.] Yellow, brown and crimson combinations. Pkt. 10c; Oz. 20c.

Lanceolata Grandiflora [hP 2 $\frac{1}{2}$ ft.] Single flowers of an intense clear yellow, long-stemmed. Pkt. 10c; Oz. 40c.

CAMPANULA A large family whose species bear graceful bell-shaped flowers of pink, white and blue.

Medium (Canterbury Bells) [hB 2 ft.] Erect pyramidal plants with large showy flowers.

New Annual, Mixed Flowers in six months from seed. Fine new garden annual. Pkt. 15c.

Cup and Saucer Mixed Large bells with a flat saucer-shaped calyx, resembling a cup on a saucer. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Double Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Single Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Persicifolia (Peach Bells) [hP 2 $\frac{1}{2}$ ft.] One of the fine tall types with long spikes of shallow bell-shaped flowers.

Blue: White: Each Pkt. 10c.

Carpatica (Hare Bell) [hP-R 6 in.] Dainty bells opening upward, carried on graceful stems above a rosette of shining green leaves. Flowers all summer.

Blue: White: Each Pkt. 10c.

CANARY BIRD VINE [hA-C 6 ft.] Curious flowers with fringed yellow wings resembling canary birds are borne by this graceful climber. Pkt. 10c; Oz. 30c.

CANDYTUFT [hA 1 ft.] A great favorite for its ease of growth and freedom of bloom. Used for bedding and cutting.

Giant Hyacinth-flowered White Large long spikes resembling a well-formed Hyacinth. Pkt. 10c; Oz. 40c.

Rose Cardinal Finest red variety. Pkt. 10c; Oz. 40c.

Dark Crimson: Lilac: Mixed
Each Pkt. 10c; Oz. 25c.

Perennial (Sempervirens) [hP-R 8 in.] Pure white with evergreen foliage. Pkt. 15c.

CANNA [tP 3 ft.] Popular bedding plant generally grown from the old roots, but easily grown from seed.

Crozy's Hybrids Dwarf large-flowering varieties. Pkt. 10c; Oz. 25c.

CARDINAL CLIMBER [hA-C 15 ft.] A beautiful vine with fern-like foliage; of rapid growth it soon covers itself with fiery cardinal red blooms. Thrives in warm situations. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.



Cosmos — Orange Flare

CARNATION Few flowers surpass the Carnation in beauty and fragrance. It is not generally known how easily they can be grown in any garden.

Chabaud's Giant Double, Mixed [hP 18 in.] Large double flowers on long stems; blooms continuously 6 months after planting. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Margaret, Double Mixed [hhP 18 in.] Generally grown as an annual, flowering 5 months from seed. Pkt. 10c; $\frac{1}{4}$ Oz. 25c; Oz. 80c.

CELOSIA [hhA 3 ft.] Vivid foliage and intense color of flower-heads make the Celosia family the showiest of all border plants. They retain their brightness until frost.

Pride of Castle Gould, Mixed A distinct feathered type with immense heads of the most brilliant colors. Pkt. 20c.

Childsii (Woolflower) Brilliant heads in the form of silky balls. Can be dried for everlasting.

Crimson: Mixed Pkt. 10c.

CENTAUREA Characterized by their thistle-like flowers all of this family are useful garden and cut flowers.

Cyanus (Cornflower) Handsome large double blooms sometimes known as "Bachelor's Buttons".

Double Blue **Double Mixed**
Pkt. 10c; Oz. 40c.

Imperialis (Sweet Sultan) [hA 2½ ft.] A most beautiful sort; large double flowers with fine fringed petals, delicately scented. Pkt. 10c.

Gymnocarpa (Dusty Miller) [hP 18 in.] Ornamental silvery foliage, deep cut and attractive. Pkt. 10c.

CERASTIUM

Tomentosum (Snow in Summer) [hP-R 6 in.] Creeping plant with attractive silvery foliage; in bloom, a veritable snowbank of small white flowers. Pkt. 10c.

CHEIRANTHUS

Allioni (Siberian Wallflower) [hB-R 12 in.] Bears a profusion of showy orange flowers in May. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

CHRYSANTHEMUM

Coronarum Double Mixed [hA 3 ft.] Showy flowers; white, lemon and orange. Should not be confused with the hardy Chrysanthemums. Pkt. 10c.

CLARKIA

Elegans [hA 2 ft.] A pretty plant with many delicate Carnation-like flowers. Fine for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

CLEOME

Pungens (Spider Plant) [hA 4 ft.] Tall growing with curious spidery blossoms; suited for planting among shrubbery. Pkt. 10c.

COBAEA

Scandens, Blue [hhP-C 20 ft.] Rapid growing climber with attractive glossy foliage and graceful bell-shaped flowers. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

COCKSCOMB

Empress [hhA 10 in.] Dwarf, with immense combs of brilliant scarlet. Pkt. 10c.

Tall Mixed 3 ft. Bright colors. Pkt. 10c.

COLEUS (Foliage Plant) [tA] 12 in.

Pyrenees Giant Mixed Fine strain with large bright colored leaves. Pkt. 15c.

COSMOS [hA] Choice plants for late summer and autumn bloom. Their feathery foliage is used to advantage as a screen or background. The handsome flowers with their broad petals are beautiful both in the garden and as cut flowers.

Orange Flare 2-3 ft. Early flowering deep orange with light green foliage. Pkt. 15c.

Extra Early Double Crested Mixed 3 ft. Differs from the single type by having the center composed of small petals completely covering the yellow disc; very artistic. Pkt. 15c; $\frac{1}{4}$ Oz. 40c.

Giant Early Flowering 3 ft. Immense flowers; commencing to bloom 60 days from seed.

Crimson **White** **Pink** **Mixed**
Pkt. 10c; Oz. 40c.

CYNOGLOSSUM

Amabile (Chinese Forget-me-not) [hA 2 ft.] Easily grown; has many blossoms each resembling a large Forget-me-not of turquoise blue. Pkt. 10c.

CYPRESS VINE

Scarlet [hA-C 8 ft.] Rapid grower with fine feathery foliage and tiny star-shaped flowers. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

DAHLIA [tP 4-5 ft.] If planted early Dahlias bloom freely from seed the first year. The seedlings are very variable but many produce fine large flowers equal to named varieties.

Cactus, Double Mixed Flowers shaggy with curled or twisted petals. Pkt. 25c.

Extra Double Mixed A selection from the best large-flowered types. Pkt. 25c.

Unwin's Dwarf Hybrids, Mixed 3 ft. Artistic semi-double flowers, very free flowering. Pkt. 15c.



Delphinium

DELPHINIUM (Larkspur) [hP 5 ft.] Stately garden plants with tall spikes of flowers in blue shades. Has few rivals as a garden flower.

Single Hybrids Mixed Fine large flowers of all shades. Pkt. 10c; $\frac{1}{4}$ Oz. 50c.

Hollyhock Strain Gigantic spire-like type with immense flowers, mostly double; many new and lovely shades. Pkt. 25c; $\frac{1}{8}$ Oz. 60c.

Selecta Wonderful selection with immense spikes, the flowering part 24 to 30 inches long. Extra double with the very finest colors. Pkt. 30c; $\frac{1}{8}$ Oz. 75c.

Belladonna Clear turquoise blue, spikes of good size for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

Chinese, Blue Butterfly 18 in. Gentian blue flowers produced freely. Blooms readily as an annual. Pkt. 10c; $\frac{1}{2}$ Oz. 25c.

DIANTHUS (Pinks) A large family of old-fashioned flowers. Prized for their gay colorings and fine cutting qualities.

Heddewigii [hA 12 in.] Superb large flowers, bright colored with fringed petals.

Single Mixed Double Mixed Pkt. 10c; Oz. 50c.

Lacinatus Splendens Large flowered novelty, brilliant crimson with white eye. Pkt. 15c.

Plumarius, Double Mixed (Clove Pink) [hP 12 in.] Double and semi-double flowers of pink and white with a sweet clove scent. Pkt. 10c; $\frac{1}{4}$ Oz. 50c.

Rock Garden Species Mixed [hP-R 4-8 in.] A fine collection of the tuft forming varieties. Among the best of rock plants. Pkt. 25c;

DIDISCUS

Coerulea (Blue Lace Flower) [hA 2 $\frac{1}{2}$ ft.] Delicate umbrella-like lavender flowers; long stemmed and fine for cutting. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DIGITALIS (Foxglove) Charming old-fashioned flower with spikes of thimble-shaped drooping flowers.

The Shirley [hP 4 ft.] New giant-flowered strain. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DIMORPOTHECA (African Orange Daisy)

Aurantiaca Hybrids [hA 12 in.] Extremely showy; for low beds in sunny locations. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DOLICHOS (Hyacinth Bean) [hA-C 10 ft.]

Mixed Ornamental climber with heart-shaped leaves and purple and white pea-like flowers followed by attractive purple seed pods. Pkt. 10c.

ESCHSCHOLTZIA (California Poppy) [hA 12 in.]

Very popular for bedding; fine cut foliage and showy flowers.

Golden West Golden yellow. Pkt. 10c.

Ramona Hybrids Beautifully frilled type in many new shades. Pkt. 15c.

Mixed A fine selection from new varieties, great range of color. Pkt. 10c; Oz. 20c.

EUPHORBIA (Snow on the Mountain)

Variegata [hA 2 ft.] An old favorite foliage plant with green leaves bordered with white. Pkt. 10c; Oz. 40c.

FOUR O'CLOCK (Marvel of Peru) [tP 2 ft.]

Mixed Free-flowering bushy plant excellent for hedges or low screens. The flowers have the interesting habit of opening in the late afternoon and closing the following morning. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c.

GAILLARDIA (Blanket Flower) Showy orange and red flowered plants; among the gayest of garden flowers.

Double Mixed [hA 18 in.] Globular heads of tube-shaped florets; sulphur, orange and claret. Pkt. 10c; Oz. 35c.

Grandiflora [hP 2 ft.] Blooms the first season; very showy. Pkt. 10c; Oz. 50c.

Portola Hybrids [hP 2 ft.] Giant bronze red flowers on extra strong stiff stems. Pkt. 15c; $\frac{1}{4}$ Oz. 40c.



Gourds — Ornamental Fruited



Helichrysum

GEUM [hP 2 ft.] Flowers like little roses gracefully poised on long stems over rosettes of green leaves.

Mrs. Bradshaw Double orange scarlet. Pkt. 10c.

Lady Strathden Double golden yellow. Pkt. 15c.

GLOBE AMARANTH (Gomphrena) [hA 2 ft.] **Mixed** Clover-like blossoms of pink, white and violet. Fine for design and border work as well as a good everlasting. Pkt. 10c; Oz. 30c.

GODETIA (Satin Flower) [hA 2 ft.]

Tall Mixed Native California flower with mallow-like blooms in great profusion. Thrives best in poor soil. Pkt. 10c; Oz. 40c.

GOURDS [hA-C 12 ft.]

Ornamental Fruited Mixed Curious-fruited climbers of the Pumpkin family. Good for covering walls and waste spaces. Pkt. 10c; Oz. 20c.

GYPSOPHILA (Baby's Breath) Graceful plants with innumerable tiny flowers. Much used in bouquets with other flowers.

Elegans, Paris Market [hA 18 in.] Extra large flowered pure white. Sow at intervals. Pkt. 10c; Oz. 20c.

Elegans, Rosea Bright rose. Pkt. 10c.

Paniculata [hP 2½ ft.] Pure white with mist like flowers. Pkt. 10c.

Paniculata, Double Improved variety with large double white flowers. Pkt. 20c.

Repens [hP-R] Creeping, fine for rockeries. Pkt. 10c.

HELIANTHEMUM (Rock Rose)

Mutabile [hP-R 12 in.] Interesting evergreen rock plant with delicate small rose-like flowers. Pkt. 10c.

HELICHRYSUM (Strawflower) [hA 2½ ft.]

The finest everlasting for winter bouquets. Cut when one-third open, strip off leaves and hang heads downward to dry.

Mixed Pkt. 10c; Oz. 60c.

HELIOTROPE [tP 2 ft.]

Mammoth Mixed Prized for its large clusters of fragrant flowers. Blooms in summer from seed sown in early spring. Pkt. 10c; ¼ Oz. 35c.

HESPERIS (Sweet Rocket)

Matronalis Mixed [hB 2 ft.] An old time favorite for early spring flowering. Pkt. 10c; Oz. 20c.

HOLLYHOCK [hP] Tall stately flower for planting along walls or fences. Old-fashioned favorite.

Chater's Double Mixed 5 ft. Full double flowers resembling small paeonies. Pkt. 10c; ¼ Oz. 35c.

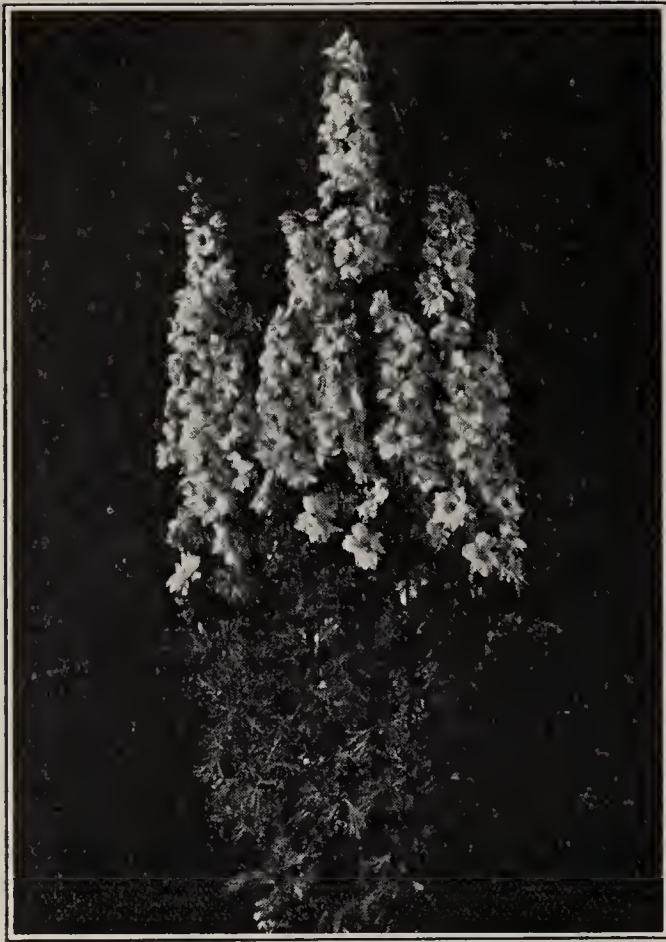
Alleghany, Single Mixed 7 ft. Strong-growing with semi-double flowers 5 inches across. Flowers first year. Pkt. 10c; ¼ Oz. 20c.

HUNNEMANIA (Bush Eschscholtzia)

Fumariaefolia [hA 2 ft.] A lemon colored Poppy often 3 inches across. Useful as a cut flower. Pkt. 10c.



Hollyhock — Chater's Double



Larkspur — Giant Imperial

IPOMOEA [hhA-C 20 ft.]

Rose Marie New early free flowering double variety with large deep rose flowers. Pkt. 15c.

Heavenly Blue Profuse bloomer with single light blue blossoms $3\frac{1}{2}$ to 4 inches in diameter. Sow in pots and transplant for very early bloom. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

See also Cardinal Climber, Cypress Vine, Moonflower and Morning Glory for other species of Ipomoea.

ISATIS GLAUCA [hP 3 ft.] Graceful glaucous leaved plant bearing masses of tiny golden yellow flowers in July and August. Pkt. 10c.

KOCHIA (Mexican Fire Bush)

Childsii [hA 2 ft.] Symmetrical and attractive feathery leaved plant turning in autumn to a beautiful bronze red. Pkt. 10c; Oz. 20c.

LANTANA [tP 2 ft.]

New Hybrids Mixed Brazilian shrub that makes a good display the first season from seed. Verbena-like clusters of orange, crimson and rose blooms. Trailing. Pkt. 10c;

LARKSPUR [hA 3 ft.] Annual Delphinium. Handsome spikes of blue, pink and white for garden decoration and cutting.

Tall Double Stock-flowered Mixed Spreading lateral-branching with fine double flowers. Pkt. 10c; Oz. 40c.

Giant Imperial Mixed New giant-flowered type growing with long upright stems. Pkt. 15c; $\frac{1}{2}$ oz. 40c.

LILIUM REGALE [hP 3 ft.] The beautiful Regal Lily. Large ivory white flowers, shaded pink. Delicately scented. Easily raised from seed, usually flowering the third year. Pkt. 15c.

LINARIA (Toad Flax)

Maroccana Hybrids [hA 15 in.] Resembles miniature Snapdragons; crimson, orange and blue. Pkt. 10c.

LINUM (Flax)

Perenne [hP 18 in.] Arching stems surmounted with single light blue flowers. Pkt. 10c.

LOBELIA

Emperor William [hA 4 in.] Compact edging plant covered with intense blue flowers. Pkt. 10c.

LUNARIA (Honesty)

Biennis [hB $2\frac{1}{2}$ ft.] Curious plant cultivated for its seed pods whose round transparent membranes form an ornamental everlasting. Pkt. 10c.

LUPINE Showy plants with spikes of pea-shaped flowers in long spikes.

Hartwegii Giants, Mixed 3 ft. A marked improvement in annual Lupines. Very large and tall with 4 to 6 spikes to a plant. Pkt. 15c; $\frac{1}{4}$ Oz. 40c.

Polyphyllus Mixed [hP $2\frac{1}{2}$ ft.] Taller and larger-flowered than the annual. Pkt. 10c; Oz. 25c.

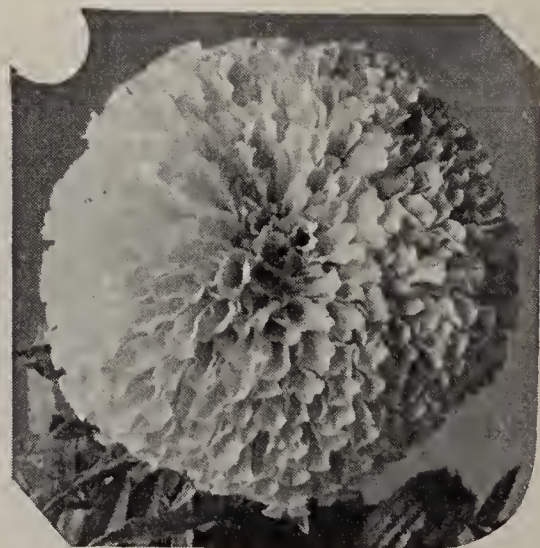
Polyphyllus, Harkness Regal Hybrids An improved strain with wonderful colorings. Pkt. 15c; $\frac{1}{2}$ Oz. 35c.

MARIGOLD [hhA] One of the brightest and most easily grown garden annuals for bedding and cutting.

The new varieties are wonderful—try them for garden color and for cutting.

Dixie Sunshine Sensational new type, medium sized double golden yellow flowers fluffy like a Chrysanthemum. Late flowering. Pkt. 25c.

Mexican Dwarf Orange Semi-dwarf well-branched and covered with bright orange flowers with semi-tubular florets unlike any other type. Pkt. 15c.



Marigold — Mexican Dwarf Orange

MARIGOLD, (Continued)

Imbricated Golden Queen New dwarf strain of African type admirably adapted to bedding. Fine golden yellow. Can be grown without staking. Pkt. 15c.

Guinea Gold 2½ ft. Outstanding variety with graceful flowers of brilliant orange, ruffled and semi-double. Most artistic cut flower. Pkt. 15c; ¼ Oz. 40c.

Yellow Supreme 2½ ft. (Carnation flowered) Fitting companion to Guinea Gold. Lovely shade of creamy lemon-yellow for cutting. Pkt. 15c.

African Tall Double 3 ft. Improved strain with a high percentage of large fully double flowers. **All Double Orange** Pkt. 15c; ¼ Oz. 40c.

Lemon Ball: Mixed Each Pkt. 10c; ¼ Oz. 20c; Oz. 60c.

French Dwarf 18 in. Symmetrical bushy plants with few equals for bedding or edging.

Monarch Strain, Double Mixed Very compact new strain with large double flowers in a very wide range of fine colors. Pkt. 15c.

Double Mixed; Single Mixed; Fire Cross Each Pkt. 10c; ¼ Oz. 20c; Oz. 50c.

Miniature Marigold, Golden Ring (new) (Tagetes Signata Pumila) 10 in. One of the most useful edging plants. Forms compact bushes completely covered with small single orange flowers. Pkt. 10c; ¼ Oz. 20c.

MESEMBRIANTHEMUM (Ice Plant)

Tricolor [hhA 6 in.] Interesting trailing plant. Foliage appears as if covered with ice crystals. Pkt. 10c.

Crinifolium (Livingstone Daisy) A new annual of spreading habit with two inch daisy like flowers of pink, primrose, apricot and rose and combinations. Pkt. 25c.

MIGNONETTE [hA 12 in.] Fragrant with inconspicuous flowers, excellent for bouquets.

Common Sweet Old-fashioned border variety. Pkt. 10c; Oz. 20c.

Giant Machet Immense spikes. Pkt. 10c.

New York Market Giant-flowered, greenhouse type. Pkt. 15c.

Machet Mixed Large-flowered sorts. Pkt. 10c; Oz. 30c.

MOONFLOWER [hhA-C 12 ft.]

White Seeded Fine climber with shining heart-shaped leaves and large pure white flowers opening in the evening. Pkt. 10c; Oz. 40c.

MYOSOTIS ALPESTRIS [hhP-R 8 in.] Among the finest of early spring flowers. Generally treated as a biennial like Pansies and English Daisies.

Victoria 6 in. Bright blue; compact habit. Pkt. 10c; ¼ Oz. 40c; Oz. \$1.25.

Indigo Blue Large bright blue. Pkt. 10c; Oz. 50c.

Mixed Blue, rose and white. Pkt. 10c; Oz. 40c.

MORNING GLORY [hhA-C 20 ft.] Popular climbers for covering verandas, fences and waste places.

Tall or Climbing Mixed Flowers profusely in many colors. Pkt. 10c; Oz. 15c.

Imperial Japanese, Single Mixed Giant-flowered with attractive large leaves. Pkt. 10c; Oz. 15c.

NASTURTIUM [hhA] Easily grown annual of profuse blooming habit on even the poorest soil

Dwarf Golden Gem True dwarf type of the popular Golden Gleam, compact and free flowering. Fragrant double flowers. Pkt. 15c.

Dwarf Double Gem Mixture A complete range of bright colors borne on compact plants

without runners. The ideal bedding Nasturtium. Pkt. 20c.

Scarlet Gleam 12 in. Immense double fiery scarlet, even more attractive than Golden Gleam. Pkt. 15c; ¼ Oz. 40c.

Orange Gleam 12 in. Deep orange, best of Gleam type since Golden Gleam. Pkt. 20c.

Golden Gleam 12 in. Double golden yellow with fragrant flowers in great profusion. Pkt. 10c; Oz. 20c.

Double Gleam Hybrids 12 in. Large double flowers with gorgeous colors until now unknown in double Nasturtiums. Pkt. 15c; ¼ Oz. 30c.

Dwarf, Named Varieties Mixed 12 in. Fine selection of colors. Pkt. 10c; ¼ lb. 25c.

Tall, Named Varieties Mixed 5 ft. Best large-flowered kinds. For covering fences and trellises. Pkt. 10c; ¼ lb. 25c.

NEMESIA

Mixed [hA 12 in.] An excellent bedding and edging plant which should become better known. Brilliant flowers in many shades. Thrives in warm moist soil. Pkt. 10c.

NEPETA

Mussini [hP 1½ ft.] Aromatic plant of the Mint family with spikes of lavender flowers. Pkt. 20c.

NICOTIANA (Flowering Tobacco)

Affinis Hybrids 2 ft. Showy and profuse bloomers. Sweet scented flowers in many colors. Pkt. 10c.

Sanderae Hybrids [hhA 3 ft.] Sweet scented tubular flowers opening toward evening. Pkt. 10c.

NIGELLA (Love in a Mist) [hA 18 in.]

Miss Jekyll Odd plant with feathery foliage surrounding the double blue flowers. Pkt. 10c.



Nasturtium — Golden Gleam



Pansy — Englemann's Giant

PANSY [hA-B 8 in.] Our strains are chosen with care from the most experienced growers and are superior in size, substance and colorings.

Giant American Favorite Immense long-stemmed flowers with a great range of color, including many light shades. Pkt. 30c; $\frac{1}{8}$ Oz. \$1.25; Oz. \$8.00.

Englemann's Giant A new compact early flowering strain with immense flowers 3 to 4 inches across with perfect form and an extraordinary rich range of color. Pkt. 20c; $\frac{1}{8}$ Oz. \$1.00; Oz. \$6.00.

Superb Mixture Mixture of giant types containing a greater range of color than is found in other strains. Pkt. 20c; $\frac{1}{8}$ Oz. \$1.00; Oz. \$6.00.

Swiss Giants Pre-eminent among the giant strains for magnificence, substance and bright colorings.

Berna Dark blue.

Cardinal Garnet shades.

Claret Wine red shades.

Lake of Thun Bright blue, dark blotch.

Mont Blanc Pure white.

Rhinegold Golden yellow blotched brown.

All the above, Pkt. 25c; $\frac{1}{8}$ Oz. 75c.

Mixed Containing the richest colors.

Pkt. 20c; $\frac{1}{8}$ Oz. 75c; Oz. \$5.00.

Special Mixture Composed of named varieties in proper proportion to make a fine market mixture. Pkt. 10c; $\frac{1}{4}$ Oz. 40c; Oz. \$1.25.

VIOLA CORNUTA (Tufted Pansy) [hP-R 6 in.]

Mixed Hybrid varieties, growing like small Pansies, but hardier and growing in tufts. Pkt. 10c; $\frac{1}{8}$ Oz. 50c; Oz. \$3.00.

Apricot Free flowering. Pkt. 10c; Oz. \$2.50.

Perfection Blue Light blue. Pkt. 10c; Oz. \$1.00.

Perfection White Pure white. Pkt. 10c; Oz. \$1.00.

Blue Gem (Jersey Gem) Compact Violet blue. Pkt. 20c.

Gem varieties, Mixed Many fine colors. Pkt. 20c.

PENTSTEMON (Beard Tongue)

Sensation, Improved Hybrids [hP 2 ft.] Tubular flowers on slender spikes, blooming first year if sown early. Pkt. 10c.

PETUNIA [hA] One of the most useful flowering plants, either massed in beds, or in window boxes, as borders or specimen plants. Free of bloom and thrives everywhere, even in partial shade.

Choice Mixed 2 ft. A fine selection of the more refined colors. Far better than ordinary mixed seed. Pkt. 10c; $\frac{1}{4}$ Oz. 30c.

Balcony Mixed 12 in. Trailing habit. Covered with masses of flowers. Pkt. 10c; $\frac{1}{8}$ Oz. 50c.

Howard's Star 2 ft. Crimson with white star. Pkt. 10c; $\frac{1}{8}$ Oz. 25c.

Elk's Pride 2 ft. Deep velvety violet. Pkt. 15c.

Theodosia 12 in. Giant soft rosy pink, throat veined. Pkt. 20c.

Lace Veil Dwarf plant with beautiful pure white fringed flowers in profusion. Pkt. 25c.

Dwarf Giants of California 10 in. Dwarf sturdy plants. Beautifully ruffled and fringed. Pkt. 20c.

Giants of California 12 in. Immense single flowers with plain waved edges, many beautifully frilled; throats veined. Pkt. 15c.

All Double Dwarf Mixed 10 in. New strain producing large fully double flowers in many brilliant and fancy colorings. Pkt. 50c.

Double Fringed Mixed 12 in. Full double flowers with delicately fringed edges, splendid pot plants. Pkt. 25c.

Miniature (Nana Compacta) 8 in. New very dwarf free flowering strain.

Pink Gem Deep pink. Pkt. 20c.

Mixed Many colors. Pkt. 15c.

Dwarf Single Varieties 12 in. Compact plants covered with small showy blossoms.

Rosy Morn Delicate rose

Rose of Heaven Deep rose.

Silver Blue Light blue.

Snow Queen Pure white.

Violet Deep violet.

Dwarf Mixed

Each — Pkt. 10c; $\frac{1}{8}$ Oz. 50c.

PHLOX DRUMMONDII [hA 12 in.] Bushy plants with flat topped clusters of flowers in the most vivid colors, both clear and in a great variety of combinations. Giant-flowered. Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

PHYSALIS (Chinese Lantern)

Franchetti [hP 2 ft.] The tall stems bearing bright orange pods are dried for everlastings. Pkt. 10c.

PLATYCODON (Chinese Bellflower) [hP 2 ft.] **Grandiflora, Mixed** Large deep blue flowers which appear like miniature balloons when in bud. Pkt. 10c.

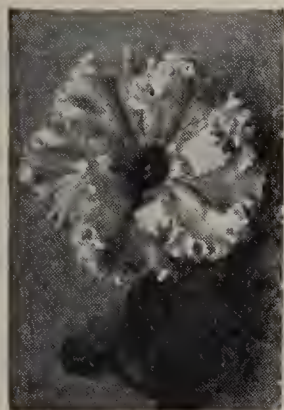
POPPY, ANNUAL [hA] The annual Poppies supply a riot of color in the garden. Available in many types of flower and plant.

Shirley, Single Mixed Delicate silky petaled flowers, finely colored. Pkt. 10c; Oz. 30c.

Double Shirley Mixed Very delicate colors. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Double Carnation-flowered Mixed 2½ ft. Giant double flowers with fringed petals. Pkt. 10c; Oz. 20c.

Double Paeony-flowered Mixed 2½ ft. Ball-shaped flowers, petals plain edged. Pkt. 10c; Oz. 20c.



Petunia
Theodosia



Petunia
Giant of Calif.



Scabiosa
Tall Double



Stocks
Ten Weeks

POPPY, PERENNIAL

Nudicaule (Iceland Poppy) [hP-R 18 in.]

Sunbeam Strain Bright yellow and orange shades, large-flowered. Pkt. 10c; $\frac{1}{4}$ Oz. 30c.

Oriental Mixed [hP 2½ ft.] Boldest of all garden flowers. Immense blooms of orange, crimson, rose, etc. Pkt. 10c; $\frac{1}{8}$ Oz. 25c.

PORTULACA (Moss Rose) [hA 6 in.] Thrives in dry sunny places. Forms a mat of succulent stems covered with cup-shaped brilliant flowers.

Double Mixed Produces a large proportion of double flowers. Pkt. 10c; $\frac{1}{4}$ Oz. 50c.

Single Mixed Large-flowered. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

PRIMULA VERIS (Primrose) [hP-R 6 in.]

Among the earliest of spring flowers. Likes partial shade.

Giant Munstead Strain Large-flowered light shades. Pkt. 20c.

Mixed All colors. Pkt. 15c.

PYRETHRUM (Painted Daisy) [hP 2 ft.] The popular "pink daisy".

Single Mixed All shades of pink to deep crimson and white. Pkt. 10c; $\frac{1}{4}$ Oz. 35c.

New Double varieties in separate colors.

Blood-red, Scarlet, Pink, White Pkt. 25c.

Double Mixed Produces a good proportion of double-flowering plants but may not show double until the second year of flowering. Pkt. 20c.

RICINUS (Castor-oil-bean) [tP] Tree-like plants with enormous palm-like leaves, highly ornamental for backgrounds.

Zanzibariensis Mixed 10 ft. Giant leaves 2 feet across in various colors. Pkt. 10c; Oz. 20c.

All Varieties Mixed 8-10 ft. Pkt. 10c; Oz. 20c.

ROCK GARDEN MIXTURE [hP-R 4-12 in.] A splendid mixture of dwarf growing perennials suited to rock garden culture. Pkt. 15c;

SALPIGLOSSIS (Painted Tongue) [hA 2½ ft.]

Mixed Branching slender stems with Petunia-shaped blooms in attractive violet, crimson and bronze shades veined with gold.

Pkt. 10c; $\frac{1}{4}$ Oz. 35c.

SALVIA (Flowering Sage) The most brilliant of all bedding plants.

Splendens [tA 2½ ft.] Tall brilliant scarlet. Pkt. 10c; $\frac{1}{8}$ Oz. 25c; Oz. \$1.40.

Bonfire 2 ft. Dwarf, compact and free-flowering. Pkt. 15c; $\frac{1}{8}$ Oz. 30c; Oz. \$1.50.

America 18 in. Long spikes, very uniform and free-flowering. Pkt. 15c; $\frac{1}{8}$ Oz. 50c; Oz. \$3.00.

Zurich 12 in. Early, very dwarf and compact. Pkt. 15c; $\frac{1}{8}$ Oz. 35c; Oz. \$2.00.

SAPONARIA (Soapwort)

Ocymoides [hP-R 6 in.] Trailing with small starry pink flowers. Pkt. 10c.

SCABIOSA (Mourning Bride) Reliable garden flowers most useful for cutting.

Tall Double Mixed (Pin Cushion Flower) [hA 2½ ft.] Long-stemmed flowers with rounded heads from which the stamens protrude like pins in a pin cushion. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Caucasica, House's New Giant Hybrids [hP 2 ft.] Improved strain with large flowers in shades of blue and lavender. Fine cut flower. Pkt. 20c.

SCHIZANTHUS (Butterfly Flower)

Grandiflora, Mixed [A 18 in.] One of the daintiest of annuals. Produces a mass of tiny bright flowers marked with contrasting colors. Pkt. 10c; $\frac{1}{2}$ Oz. 35c.

SCUTELLARIA

Coelestina [hP-R 6 in.] Dwarf with large spikes of, bright blue flowers. Pkt. 15c.

SHASTA DAISY [hP 2 ft.]

Westralia A glorified form of the common white field daisy with many large blooms 3 to 4 inches across. Pkt. 10c; $\frac{1}{8}$ Oz. 25c.

Elder Daisy Popular variety for cutting. Blooms early and more freely than other varieties. Pkt. 10c.

STATICE Free-flowering everlastings in bright clear colors.

Sinuata [hA 2 ft.] Large heads of tube-like flowers on spreading wiry stems.

True Blue **Rosea Superba**
White **Mixed**

Pkt. 10c; Oz. 25c.

Latifolia (Sea Lavender) [hP 12 in.] Clouds of tiny lavender flowers. Pkt. 10c.

STOCKS [hA] Fragrant double blooms invaluable for bouquets and floral decorations.

Ten Weeks, Dwarf Double Mixed 12 in. Fine early type for bedding. Pkt. 10c; $\frac{1}{4}$ Oz. 50c.

Giant Perfection Mixed 20 in. Long-stemmed spikes of fine form. Pkt. 10c; $\frac{1}{8}$ Oz. 35c.

STOKESIA (Cornflower Aster) [hP 2 ft.]

Blue Handsome lavender flowers from July to frost. Pkt. 10c.

SUNFLOWER [hA] Showy tall plants for backgrounds.

Dwarf Double 5 ft. Bright saffron, densely double. Pkt. 10c; Oz. 25c.



Zinnia — Giant Dahlia-flowered

SUNFLOWER, (Continued)

Cucumerifolius Mixed (Miniature Sunflower)
6 ft. Small single flowers of varied color and shape; good for cutting. Pkt. 10c; Oz. 35c.

Mammoth Russian 10 ft. Tall, generally with one immense flower. Pkt. 10c; $\frac{1}{4}$ Lb. 15c; Lb. 25c.

SWEET WILLIAM [hP 2 ft.] Well known old-fashioned flower with large, showy, flat clusters of bright flowers.

Single Mixed Very showy heads in many colors. Pkt. 10c; Oz. 30c.

Dark Crimson Rich dark shade. Pkt. 10c; Oz. 40c.

Newport Pink Salmon pink. Pkt. 10c; $\frac{1}{4}$ Oz. 20c.

Double Mixed Splendid variety. Pkt. 10c; Oz. 50c.

TUNICA

Saxifraga [hP-R 8 in.] Small pink flower for rockeries. Pkt. 15c.

VALERIAN (Garden Heliotrope) [hP 2 ft.]

Mixed Pretty garden plant covered with bloom throughout the summer. White, pink and crimson. Pkt. 10c.

VENEDIUM FASTUOSUM [A 2 ft.] Magnificent new orange daisylike flower from South Africa. The numerous flowers are 4 inches across and marked with a purple black base. Pkt. 20c.

VERBENA [tA 8 in.] Of trailing habit with clusters of bright flowers; in continuous bloom.

Large-flowered Mixed Pkt. 10c; $\frac{1}{4}$ Oz. 25c; Oz. 80c.

VERONICA (Speedwell)

Longifolia [hP 2½ ft.] Tall spikes of deep blue. Pkt. 15c.

VINCA (Periwinkle) Mixed [A 12 in.] Ornamental plant with glossy foliage and showy single flowers. Pkt. 10c.

WALLFLOWER Old-fashioned English favorite, fragrant.

Single Mixed [hhB 20 in.] Quite late flowering, best treated as a biennial; protect in winter. Pkt. 10c.

Parisian Forcing Mixed [hA 12 in.] A fine early type for forcing; blooms in open ground in 4 months. Pkt. 10c; Oz. 40c.

ZINNIA [hA] The newer Zinnias rank among the finest garden plants, succeeding under almost all conditions. Excellent for garden decoration and unexcelled for cut flowers.

Fantasy, Mixed Gracefully rounded flowers with shaggy ray-like petals in a wide range of attractive colors. Pkt. 20c.

Giant Dahlia-flowered 2½ ft. Strong branching type with giant flowers, full double with petals curved at the end.

Dream lavender.

Exquisite rose.

Oriole orange and gold.

Polar Bear pure white.

Crimson Monarch best deep red.

Scarlet Flame giant bright scarlet.

Lemon Beauty golden yellow, pastel shade.

Mixed Originator's Gold Medal Mixture.

Any of the above — Pkt. 15c; $\frac{1}{4}$ Oz. 30c; Oz. \$1.00.

Giant Mammoth 3 ft. Flowers of enormous size, fully double and well shaped without the stiff appearance of the older types.

Brightness bright deep pink.

Grenadier brilliant red.

Golden Queen golden lemon.

Orange Queen golden orange.

Rose Queen bright rose.

Scarlet Gem glowing scarlet.

Mixed

Any of the above — Pkt. 10c; $\frac{1}{4}$ Oz. 30c; Oz. \$1.00.

Cut and Come Again Mixed 2 ft. Popular smaller flowered type. Preferred by many as a cut flower. Pkt. 10c; $\frac{1}{4}$ Oz. 20c; Oz. 60c.

Early Wonder, Fiery Salmon Pink 1 ft. The first of a new race of dwarf early flowering zinnias. Flowers two inches across. Pkt. 20c.

Double Lilliput, Mixed 12 in. Dwarf compact plants with beautiful little double flowers about 1½ inches in diameter. Pkt. 10c; Oz. 75c.



Zinnia — Cut and Come Again

ZINNIA (Continued)

Scabious Flowered 2½ ft. Numerous medium sized flowers in form resembling annual Scabiosa.

Mixed Many bright colors. Pkt. 20c.

SCATTER GARDEN MIXTURE

[A 1-3 ft.]

A surprise mixture of many fine annuals for planting broadcast or for a garden border. Pkt. 10c; Oz. 40c.

Giant Spencer Sweet Peas

Sweet Peas should be planted in early spring, just as soon as the soil can be worked. As this type tends to branch at the base the seedlings should be thinned to 4 to 6 inches apart for the finest flowers.

Avalanche Glistening pure white.

Charming Rose cerise, finely waved

Chieftain Satiny mauve.

Crimson King Intense crimson.

Damask Rose Deep rose.

Gleneagles Large lavender blue.

Huntsman Bright Scarlet.

Jean Ireland Buff, edged carmine.

Leviathan Rich maroon.

Magnet Rich cream pink.

Mayfair Giant shell pink.

Miss California Salmon pink.

Model Large white, black seeded.

Olympia Rich purple.

Pinkie Giant rose pink.

Reflection Clear blue.

R. F. Felton Large lavender.

Royal Pink Clear bright pink.

Splendor Red maroon.

Sunkist Cream with rose edge.

Sunset Rich rose, shaded salmon.

Supreme Pale pink.

Welcome Dazzling scarlet.

What Joy Primrose yellow.

Youth Pure white, edged pink.

All the above, Pkt. 10c; Oz. 20c; ¼ Lb. 60c.



Spencer Sweet Peas

Special Spencer Blend Contains all the above and many new varieties. Pkt. 10c; Oz. 15c; ¼ Lb. 50c; Lb. \$1.60.

Winter Flowering Spencers Mixed Early flowering for greenhouse or early outdoor blooming. Pkt. 15c; Oz. 40c.

Inoculation with Nod-o-gen increases the chance for success with Sweet Peas. Garden size 25c.

SPRING FLOWERING BULBS

The brilliant flowers from fall planted bulbs are the glory of the spring garden. First the hardy Crocus appear just after the snow has gone, then bright Daffodils, Hyacinths and Tulips prolong the season of delightful bloom until the end of May, while the fragrant Lillies follow throughout the garden year. Plan now where you would like to see spring blooms in your garden next year. We shall be pleased to enter your order at any time, but prices are not published until September. If you do not receive our list please advise and we shall enter your name on our mailing list.

HOTKAPS

These miniature hothouses permit earlier planting and protect from birds, insects, rain, frost and wind. When properly set and cared for they bring maturity 2 to 3 weeks earlier and often increase yields.

1000 lots \$9.75; 250 trial package, including garden setter with tamper \$3.65; 100 home package, including setter with tamper \$2.40, postage extra.

GREEN NEPONSET PAPER POTS

Exhaustive tests show that plants grow readily and luxuriantly in this new paper pot. They encourage maximum growth and promote better root growth than porous pots. Reduce your costs and grow better plants with this new product.

Diam.	Doz.	100	1000
2¼ in.	\$0.12	\$0.70	\$ 5.70
2½ in.	.14	.80	6.30
3 in.	.15	.90	7.10
3½ in.	.20	1.25	9.10
4 in.	.25	1.50	10.55

NEPONSET PLANT BOXES

Made of heavy waterproof material. Consists of 12 2 inch plant bands and a container. Excellent for growing Tomatoes, Asters and similar plants for transplanting or sale.

100 \$7.90; Doz. \$1.20; each 12c.

FIELD AND FORAGE CROPS

Not prepaid except as indicated.
Prices of all Field Seeds subject to change.

- BARLEY, ODERBRUCKER** Six-rowed; heavy yielding; for hay or cover crop.
Bushel \$1.45, 48 lbs.
- BARLEY, VELVET** More satisfactory for stock feeding on account of smooth beards.
Bushel \$1.50, 48 lbs.
- SOY BEANS, MANCHU** One of the best varieties of this valuable fodder and soiling crop. Produces a heavy crop of fodder, high in food value. For plowing under they have a soil building value equal to Clover.
Bushel \$2.25, 60 lbs.
- SOY BEANS, ILLINI** Extremely early and highly recommended for northern planting.
Bushel \$2.25, 60 lbs.
- CANADA FIELD PEAS** Commonly grown with Oats for a spring fodder or hay crop.
Bushel \$3.60, 60 lbs.
- BUCKWHEAT, JAPANESE** Strong-growing variety. Good cover crop on poor land.
Bushel \$1.30, 48 lbs.
- RAPE, DWARF ESSEX** Forage crop for stock and poultry. Quick-growing Cabbage-like leaves, very tender and palatable.
Lb. 15c; 10 lbs. \$1.20, postpaid.
- SPRING VETCH** Excellent for spring sowing for hay or plowing under.
100 lbs. 9c per lb.
- WINTER VETCH** Sown with Rye or Oats, either in fall or spring, Winter Vetch is a wonderful soil improver. Will succeed on poor sandy soil and is perfectly hardy.
100 lbs. 15c per lb.
- SUDAN GRASS** Wonderful hot weather forage crop, drought resisting and producing a heavier and better quality growth than Millet; greatly relished by stock.
100 lbs. 9c per lb.

- ROSEN RYE** A great improvement in vigor and yield over the common Rye. A cover crop that can be grown without interfering with summer crops.
Bushel \$1.50, 56 lbs.
- WHEAT, MARQUIS SPRING** Finest variety of spring wheat, early and prolific.
Bushel \$2.25, 60 lbs.
- WHEAT, WINTER** For fall sowing.
Market price.

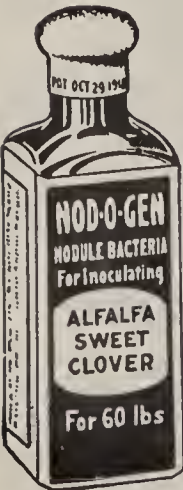
MILLET

- GOLDEN, TENNESSEE CULTIVATED** Medium early; 3 to 5 feet high; best for green feed on light land.
100 lbs. 6½c per lb.
- JAPANESE** Rank grower on rich land; often 5 to 6 feet high. Continues to grow after being cut. Generally used for green feed.
100 lbs. 7c per lb.
- HUNGARIAN** Summer forage crop; finer-leaved and earlier than other Millets; better adapted for hay.
100 lbs. 6½c per lb.

SEED OATS

- SWEDISH SELECT** Heavy strawed variety with very large heavy grain.
Bushel \$1.20, 32 lbs.
- SILVER MINE** Prolific yielder of plump white kernels, straw stands up well.
Bushel \$1.10, 32 lbs.
- SELECT WHITE** A good selection of heavy oats for green feed or hay.
Bushel 95c, 32 lbs.

NOD-O-GEN



It always pays to inoculate all legumes with their proper bacteria. The easiest and cheapest way of improving the soil and increasing crops.

Each bottle of NOD-O-GEN will inoculate the kinds of seed listed. Be sure to get the right kind for your seed.

1-bus. size for Alfalfa and Sweet Clover.....	\$0.60
½-bus. size for Alfalfa and Sweet Clover.....	.35

1-bus. size for Medium (Red), Mammoth, Alsike, White Dutch, and Crimson Clovers.....	\$0.60
½-bus. size for Medium (Red), Mammoth, Alsike, White Dutch, and Crimson Clovers.....	.35
1-bus. size for Soy Beans.....	.35
5-bus. size for Soy Beans.....	1.00
1-bus. size for all Vetches (Spring, Winter, etc.), Field and Garden Peas, Sweet Peas, and Flat Winter Peas.....	.35
1-bus. size for Field Beans and Garden Beans.....	.35
Garden size, Combination for Peas and Sweet Peas, Garden Beans and Limas....	.20

Reliable Grass Seeds

Prices subject to change, according to market fluctuations. We advise writing for prices on all Grass and Field Seeds. We do not offer mixtures, except for Lawn Grass, but shall be glad to suggest the proper proportions for different uses if we are advised of the location and kind of soil. There is no extra charge for supplying grasses mixed according to your specifications. Quantities of 15 lbs. or more of a variety will be furnished at the 100 lb. rate, less quantities at a slight advance.

ASTORIA BENT This very fine leaved variety has a creeping habit of growth and makes a very durable turf. Of the western varieties it is the best adapted to eastern climate.

Lb. \$1.20; Not prepaid, 100 lbs. \$1.00 per lb.

COLONIAL BENT A very pure strain of Rhode Island Bent Lb. \$1.20;
Not prepaid, 100 lbs. \$1.00 per lb.

SOUTH GERMAN BENT A natural mixture containing various Bent Grasses, all fine-leaved.
Lb. \$1.50; Not prepaid, 100 lbs. \$1.25 per lb.

CHEWING'S FESCUE The leaves of this New Zealand grass are dark green and fine, forming a close and lasting turf. Thrives on dry, sandy soils, but does well on heavy land and in shady places.
Lb. 75c; Not prepaid, 100 lbs. 65c per lb.

KENTUCKY BLUE GRASS A fine-leaved dark green grass; one of the principal constituents of good lawn mixtures. Also a good pasture grass on sweet soils.
Lb. 35c; Not prepaid, 100 lbs. 24c per lb.

DOMESTIC RYE GRASS A quick growing grass very valuable as a cover crop and in lawn grass mixtures to produce a quick turf or to cover banks and terraces temporarily.
Lb. 20c; Not prepaid, 100 lbs. 10c per lb.

RED TOP (HEAVY RE-CLEANED SEED) Used generally as a fine-leaved hay grass. Also used in lawn mixtures to form a quick turf of good quality.
Lb. 25c;
Not prepaid, 100 lbs. 18c per lb.

ROUGH STALKED MEADOW GRASS Related to Kentucky Blue Grass but is more permanent in dry and shady places.
Lb. 45c;
Not prepaid, 100 lbs. 35c per lb.

TIMOTHY The common hay grass. Produces a heavy crop on almost all soils.
Lb. 15c;
Not prepaid, 100 lbs. 8c per lb.

ORCHARD GRASS A valuable pasture grass best adapted to shady and moist places.
Lb. 25c; Not prepaid, 100 lbs. 20c per lb.

MEADOW FESCUE (ENGLISH BLUE GRASS) An excellent pasture grass for use in mixtures for moist soils.
Lb. 20c; Not prepaid, 100 lbs. 14c per lb.

ALFALFA

GRIMM (IDAHO BLUE TAG) The highest grade of one of the hardiest strains; State Certified seed. Be sure to inoculate Alfalfa except when resowing old fields.
Lb. 40c; Not prepaid, 30 lb. sealed bags 32c per lb.

GRIMM, BLACKFOOT, BLUE TAG)
Lb. 45c; Not prepaid, 30 lb. sealed bags 38c per lb.

CLOVERS

ALSIKE On either dry or poorly drained soils Alsike is longer lived than Medium Red. Should be used in all hay and pasture mixtures.
Lb. 35c; Not prepaid, 100 lbs. 28c per lb.

MEDIUM RED Northern grown seed adapted to the New England climate. No other clover is so extensively planted.
Lb. 35c; Not prepaid, 100 lbs. 26c per lb.

WHITE DUTCH CLOVER A permanent low spreading variety for pastures and lawns. Forms a close mat of green leaves and grows throughout the season. For lawns on dry banks and poor soil we recommend the addition of at least 1 lb. to each 5000 sq. ft. in addition to the lawn grass mixture. For pastures 5 lbs. per acre is ample.
Lb. 45c; Not prepaid, 100 lbs. 35c per lb.

WHITE SWEET Tall-growing biennial variety. Thrives on all but very acid soils. Valuable for pasturage and for soil improvement.
Lb. 20c; Not prepaid, 100 lbs. 11c per lb.

CRIMSON An annual variety much used as a cover crop, but not entirely dependable for hardiness in New England.
Lb. 20c; Not prepaid, 100 lbs. 12c per lb.

LAWN GRASS MIXTURES — Page 3

Prices of all grasses and field seeds are subject to change. When you are ready to purchase let us quote you prices. We handle only the highest quality seed.

FIELD AND ENSILAGE CORNS



Canada Yellow Flint

Flint Varieties

YELLOW CANADA The common 8-rowed variety. Our strain produces particularly fine crops with large uniform ears.
Bushel \$2.75, 56 lbs.

LONGFELLOW Longer, more slender, and a week later than Yellow Canada; good producer.
Bushel \$2.75, 56 lbs.

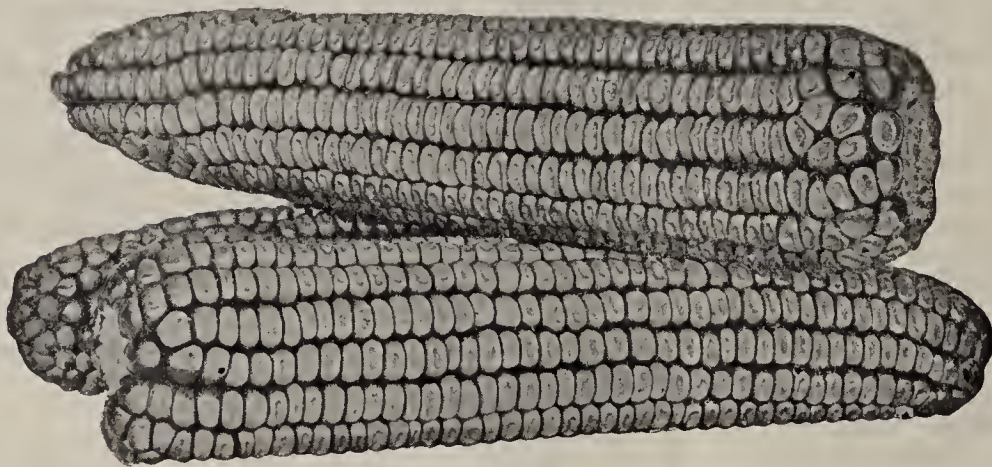
Dent Varieties

SMOKY DENT An exceptionally early and sure cropping variety. Medium sized ears with red kernels, tipped white.
Bushel \$3.00, 56 lbs.

SWEEPSTAKES, WEST BRANCH Earliest large-stalked ensilage corn which produces matured ears in this climate.
Bushel \$3.00, 56 lbs.

YELLOW SWEEPSTAKES Produces immense leafy stalks maturing a few days later than Sweepstakes. The kernels are large and clear yellow in color.
Bushel \$3.00, 56 lbs.

LANCASTER SURECROP Somewhat similar to West Branch Sweepstakes. Very early for an ensilage type from which matured ears may be harvested.
Bushel \$3.00, 56 lbs.



Improved Leaming

OHIO CLARAGE A most vigorous variety, holding the record for grain production, also recommended for ensilage. Ears are large, kernels long and deep yellow.
Bushel \$3.00, 56 lbs.

IMPROVED LEAMING An ideal ensilage and grain corn, popular everywhere. Many stalks produce two long ears with deep yellow grain. Ripens in from 110 to 120 days.
Bushel \$2.75, 56 lbs.

WOOD'S SOUTHERN HYBRID This new crossed type stands far ahead of all other ensilage varieties in yield per acre of both green fodder and actual feeding value. The method of producing this seed adds to the cost but the planter is well repaid in increased yield.
Bushel \$5.00, 56 lbs.

EUREKA ENSILAGE The true southern corn, very large and vigorous. Heavy producer.
Bushel \$3.00, 56 lbs.

CRO-CUS Keeps the crows from pulling corn.
2 Bu. size (1 pt.) \$1.00; small size 40c, postpaid.

Prices subject to market change — NOT PREPAID

**CRO-CUS**

Corn crop insurance against crows. Repels crows, keeps seed from rotting. Labor, time and seed saved. No replanting. One pint treats 2 bu. of corn, small size treats $\frac{1}{2}$ bu.

One Pint \$1.00, postpaid.

Small size 40c, postpaid.

**SEED DISINFECTANTS**

DU BAY Seed Disinfectants are Mailable

Postal Regulations permit the mailing of the Du Bay Seed Disinfectants if correctly packed. If to be delivered by Parcel Post please include postage.

SEMESAN

for Vegetable and Flower Seeds and Bulbs

General seed and plant disinfectant for use in dust or liquid form. Possesses a broad field of usefulness for vegetable and flower seeds or bulbs, as well as for greenhouse disinfection and for control of damping off.



2-oz. tin	\$ 0.50
1-lb. "	2.50
5-lb. "	11.75
25-lb. pail	46.25
100-lb. drum	180.00

NEW IMPROVED SEMESAN JR.

for Field and Sweet Corn Seed

It is quickly and easily applied, harmless to the seed and does not appreciably affect the operation of the corn planter. Can be used with crow repellents such as Cro-cus. Use at the rate of 2 oz. per bushel of seed.



4-oz. tin	\$ 0.35
1-lb. "	1.00
5-lb. "	4.75
25-lb. pai	23.25

SEED POTATOES**CERTIFIED MAINE GROWN STOCK**

IRISH COBBLER The popular variety for early use. Medium-sized, round, thin-skinned tubers of attractive appearance and good cooking quality.

GREEN MOUNTAIN An ideal late variety; strong grower and heavy yielder. The large tubers are oblong in shape, somewhat flattened, with russet skin and shallow eyes. Cooks pure white, dry and mealy; keep well.

Market prices quoted on request.

NU GREEN

for "Brown Patch" of Lawns and Golf Courses

A fungicide useful in the prevention and control of "Brown Patch" of lawns and golf greens. Especially valuable where no regular fertilizing program is followed.

Used as a liquid treatment and applied with a sprinkling can or with power sprayer. One pound fertilizes and treats 1000 square feet of lawn.

3-oz. tin	\$0.50	5-lb. pail	\$ 7.00
1-lb. "	1.65	25-lb. "	30.00

NEW IMPROVED SEMESAN BEL

for Seed Potatoes

This organic mercury dip disinfectant is for the control of scab and Rhizoctonia carried on seed white potatoes, and the prevention of stem rot of sweet potatoes. It is a quick, easy dip treatment that eliminates the labor and loss of time involved by the $1\frac{1}{2}$ to 2 hour soak treatments with other products. One pound treats from 60 to 80 bushels of seed potatoes at a cost of $1\frac{1}{2}$ to 3 cents per bushel.



4-oz. tin	\$ 0.50
1-lb. "	1.65
5-lb. "	7.00
25-lb. pail	31.25

INSECTICIDES

Most insecticides may now be shipped by Parcel Post if correctly packed. If you wish Parcel Post delivery please include postage.

ANSUL FORMALDEHYDE DUST For control of "damping off" of flower and vegetable seedlings. Treatment is safe and easy to apply. Mix $\frac{1}{2}$ lb. per bushel of soil.
1 lb. cans 75c; 5 lb. \$2.00; 25 lb. \$5.50.

ANTROL For eliminating ants from homes and gardens. Antrol syrup attracts ants to the jar; they eat it and carry it back to the nest, where the queen ant eats it and the entire colony is destroyed.
House sets (4 jars and 4 oz. syrup) 75c; 4 oz. bottle syrup 35c; Pint 85c.

ARSENATE OF LEAD (Dry) For spraying trees and shrubs and non-edible parts of vegetables against attacks of leaf eating insects. It adheres to but does not injure foliage.
Lb. 30c; 4 lb. bag 85c.

BLACK LEAF 40 An effective soluble insecticide for sucking insects such as plant lice, (aphis), leaf hopper, thrip, etc. Also an easy control for poultry lice.
1 oz. bottle 35c; 5 oz. \$1.00; 2 lb. can \$3.25; 5 lb. can \$5.85; 10 lb. can \$10.60.

BORDEAUX MIXTURE (Dry) A fungicide for mildew, blight, rust, scab, and all fungous diseases. 1 lb. makes 5 gallons of spray liquid.
Lb. 25c; 4 lb. bag 80c.

BORDEAUX LEAD (Dry) A combination of Bordeaux Mixture for fungous diseases and poison for leaf eating pests.
Lb. 30c; 4 lb. bag 85c.

BUG DEATH A non-poisonous powder which kills insects eating foliage and flowers. Can be used on all vegetables and flowers either dry or mixed with water.
10 oz. can 25c postpaid.

CALCIUM ARSENATE For spraying or dusting potatoes. Also used to rid ground of earth worms.
4 lb. bag 65c.

COPPER LIME DUST Price on application.

COPPER OXIDE, RED A simplified treatment for the control of "damping off" of seedlings both in the greenhouse and in the field. One teaspoonful treats one to five pounds of seed.
 $\frac{1}{4}$ lb. 35c; 1 lb. 90c.

COPPER SULPHATE crystals, Price on application.

CUBOR Non-poisonous contact and stomach insect poison for all sucking and chewing insects. Harmless to tender foliage and flowers.
Pkt. 10c; 2 Oz. 35c.

CUBOR DUST 4 lb. bag, 70c.

HYDRATED LIME (for dusting) A special form of hydrated lime for diluting insecticides to the proper strength for dusting.
50 lb. bag 70c; 100 lbs. \$1.30.

LIME SULPHUR (Dry) A very effective remedy for San Jose Scale and some fungous diseases. Much easier to use than the liquid.
Lb. 30c; 5 lbs. \$1.25.

MAGNESIUM ARSENATE Especially recommended by many Experiment Stations as an effective control for Mexican Bean Beetle.
2 lb. bag 70c; carton (20-2 lb. bags) \$12.00.

MAGNESIUM ARSENATE DUST MIXTURE
1 lb. can 35c; 4 lb. bag 75c.
Carton (12-4 lb. bags) \$7.20.

NICOTINE PYROX (Paste) A complete spray material for all chewing and sucking insects and fungous diseases.
10 oz. jar, 50c. 40 oz. can, \$1.25.

PARIS GREEN Cheapest and quickest control for leaf eating insects where extreme measures are necessary, as for potato bugs.
 $\frac{1}{4}$ Lb. 18c; 1 Lb. 50c.

PYROX (Paste) Kills all leaf eating insects, destroys fungus, blight and rot. Mixes easily in cold water, sprays without clogging and sticks well to foliage.
Lb. jar, 50c; 5 lbs. \$1.75; 25 lbs. \$6.25.

RED ARROW An exceedingly powerful, non-poisonous, vegetable insecticide, for both sucking and chewing insects. Will not burn, blight or stain the most tender foliage. Kills by paralyzing all insects which it touches. Use 1 oz. to 6 gallons water, $\frac{1}{2}$ lb. to 50 gallons.
1 oz. 35c; $\frac{1}{4}$ pt. \$1.00; $\frac{1}{2}$ pt. \$1.75.

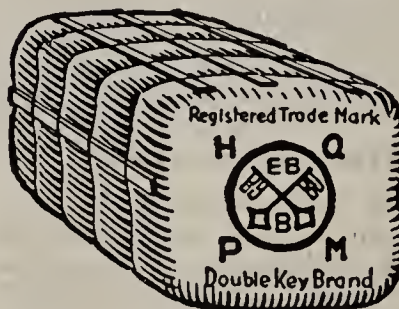
ROTENONE DUST Quick and efficient contact insecticide for many leaf eating and sucking insects, particularly Mexican Bean Beetle. Non-poisonous. Can also be used as a spray.
1 Lb. 50c; 5 Lbs. \$2.25.

GRANULATED PEAT MOSS

The increasing use of Peat Moss for gardens shows a better understanding of its value. It is a vegetable product which remains in the soil for many years contributing to the formation of humus, making the soil more porous and improving its general texture and condition. It contributes effective drainage and is a reservoir for storing moisture and air, thereby favoring plant growth. Also used for mulching perennial and rose beds, as well as around evergreens, retaining the moisture so necessary to their growth.

Large bales, make 20 bushels when shaken out.
Per bale \$3.00; 5 bales, \$14.00.

POULTRY LITTER Coarse peat moss which makes an ideal poultry litter and stable bedding. Remains dry and clean much longer than any other litter.
Per bale \$3.00; 5 bales \$14.00.



FERTILIZERS

GARDEN AND POTATO, 4-8-7 This high grade, well balanced, complete fertilizer can be used alone or with compost or barnyard manure, and for general use on all garden crops is excellent. Quick to start, lasting, and sure as to results. Analysis: Nitrogen 4% (Part Organic); Phosphoric Acid 8%; Potash 7%.

Being made of more expensive materials this mixture has a greater fertilizing value than many higher analysis brands.

5 lbs. 25c; 25 lbs. 75c; 100 lbs. \$2.75;
500 lbs. \$12.50.

LAWN FERTILIZER, 4-8-4 A well balanced complete lawn fertilizer, carefully compounded for general use on old and new lawns.

5 lbs. 25c; 25 lbs. 85c; 100 lbs. \$3.00;
500 lbs. \$13.50.

LUXURA There is a big difference in plant foods. Some feed lawns or plants for a month or two — even overfeed — and then are gone. Luxura, because of its many carefully planned ingredients, continues to release nourishment in series right through to maturity. Because one application works all season, Luxura, is far more economical to use than ordinary plant foods in spite of its slightly higher cost per pound. 1 lb. 25c; 5 lbs. 70c; 10 lbs. \$1.15; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.00.

LUXURA
THE SEASON-LONG PLANT FOOD



NITROPHOSKA, 15-30-15 Triple strength inorganic fertilizer, clean and odorless, for general use. Being three to four times as concentrated as ordinary fertilizer, it is easily and quickly applied with highly satisfactory results. For the garden and flowers use 5 to 10 pounds for each 1000 sq. ft. of soil, thoroughly raking into the soil after broadcasting over the surface. For lawns apply 6 to 10 pounds per 1000 sq. ft. in early spring and follow with subsequent applications every two months. Water thoroughly after each application and a vigorous and luxuriant lawn will result.

1 lb. 25c; 5 lbs. 90c; 10 lbs. \$1.50; 25 lbs. \$2.75;
100 lbs. \$6.00.

BONE MEAL An excellent fertilizer for general use. Used as a top-dressing for lawns, the feeding rootlets assimilate bone meal slowly as it disintegrates over a long period, keeping the lawn in good condition all through the season. Because of its long-lasting qualities, bone meal is very desirable for fertilizing all hard wooded plants, including roses, flowering shrubs, fruit bushes, and trees. A liberal application mixed into the soil when planting bulbs or perennial plants will result in remarkable size and brilliancy of flowers. Use 25 to 50 lbs. per 1000 sq. ft.

5 lbs. 25c; 25 lbs. 85c; 100 lbs. \$3.00;
500 lbs. \$13.50.

SHEEP MANURE, WIZARD BRAND There is nothing like Wizard Brand Sheep Manure for



improving poor, worn-out soils. Wizard is a natural manure, highly concentrated and sterilized by a special direct heat process that kills all weed seeds. It is uniformly screened, pulverized, and easy to apply.

If gardening is your hobby, you will experience new delight provided you use Wizard to feed your plants. Every gardener knows that manure produces

crisp, tender vegetables of unusual size and flavor. Vegetables must be grown quickly or else they become tough and tasteless. Wizard supplies the food that insures steady growth and early maturity. Packed in dustproof paper bags.

5 lbs. 30c; 10 lbs. 50c; 25 lbs. 85c; 50 lbs. \$1.50
100 lbs. \$2.75; 500 lbs. \$12.50.

CATTLE MANURE, PULVERIZED Manufactured by a special process and pulverized so that when used upon the lawn or garden there is no refuse to blow about or be raked off. A highly efficient slow-acting fertilizer.

100 lbs. \$2.75; 500 lbs. \$12.50.

SUPERPHOSPHATE Contains 20% Phosphoric Acid. Valuable for supplementing other fertilizers. Used to increase earliness, quality and firmness of growth of vegetables, fruit and flowers. Also an economical fertilizer for pastures and grass land.

100 lbs. \$1.50; 500 lbs. \$6.75.

NITRATE OF SODA (Reground) Not a substitute for complete fertilizer, but one of the cheapest and best forms in which to apply Nitrogen for forcing quick, vigorous growth. May be applied either dry or dissolved in water. Do not let nitrate touch foliage or it will burn. Water thoroughly after application to lawns. Use 1 lb. per 100 sq. ft. or 1 oz. dissolved in 1 gal. of water.

5 lbs. 30c; 25 lbs. \$1.00; 100 lbs. \$3.25;
500 lbs. \$13.50.

SULPHATE OF AMMONIA (KOPPERS) A highly concentrated form of Nitrogen slightly slower in action than Nitrate of Soda. Used as a top dressing for lawns at the rate of 1 lb. per 150 sq. ft. it produces a rich dark green growth and tends to discourage weeds. May also be used dissolved in water, 1 oz. to 1 gallon.

5 lbs. 30c; 25 lbs. \$1.00; 100 lbs. \$3.25.

GROUND LIMESTONE Finely ground and effective as a neutralizer of soil acidity. It improves the texture of all soils, binding loose soils and opening heavy land. By stimulating bacterial action it liberates nitrogen and other plant food. Apply 100 lbs. per 1000 sq. ft. or 2 tons or more per acre.

100 lbs. 75c; 500 lbs. \$3.00.

HYDRATED LIME Very fine and more concentrated than Ground Limestone. Use $\frac{3}{4}$ the quantity for same results.

50 lbs. 65c; 100 lbs. \$1.20; 500 lbs. \$5.00.

TWINES

JUTE Two ply, in reels weighing about 50 lbs., wound with 50 to 100 parallel strands, for tying vegetables.
Full reels, 21c per lb.

JUTE BALLS Half pound balls, 2, 3 and 4 ply, 23c per lb.

COTTON 2½ oz. balls, white, for tying radish and other small bunches. Market price.

BINDER TWINE 5 lb. balls. Market price.

CELERY BRAIDS

1000 yard spools

FAST RED 13 strand, per spool, \$1.25.
17 strand, per spool, \$1.50.

FAST BLUE 17 strand, per spool, \$1.50.

TAPE, FAST RED Extra heavy, per spool, \$2.00



Non- Polsonous **KILLS** Dust or Spray
P O I S O N I V Y
and all other weeds

ATLACIDE Safe and efficient for destroying all weeds and poison ivy. Kills all vegetation upon which it is dusted or sprayed.
Sifter top cans, 1 lb. 50c; 3½ lbs. \$1.50.
100 lb. drums, \$13.50.

INDEX

VEGETABLE SEEDS

	Page		Page
Anise	27	Lavender	27
Asparagus	4	Leek	14
Asparagus Roots	4	Lettuce	15-16
Artichoke	4	Mangel	7
Balm	27	Muskmelon	17
Beans	4-6	Watermelon	18
Beet	6-7	Okra	18
Beet, Mangel	7	Onion	18-19
Beet, Swiss Chard	7	Onion Sets	19
Borage	27	Parsley	19
Broccoli	7	Parsnip	19
Brussels Sprouts	9	Peas	20-21
Cabbage	8	Pepper	21
Cabbage, Chinese or Celery	8	Peppermint	27
Caraway	27	Pumpkin	21
Carrot	9	Radish	22
Cardoon	9	Rhubarb	22
Catnip	27	Rosemary	27
Cauliflower	10	Rue	27
Celeriac	11	Ruta Baga	26
Celery	10-11	Saffron	27
Chicory	11	Sage	27
Chives	11	Salsify	22
Collards	11	Sorrel	22
Coriander	27	Sour Grass	22
Corn Salad	13	Spearmint	27
Corn, Sweet	11-12	Spinach	23
Corn, Pop	11	Spinach, Mustard (Tendergreen)	23
Cress	13	Spinach, New Zealand	23
Cucumber	13	Squash	24
Dandelion	14	Summer Savory	27
Dandelion, Italian	11	Sunflower	27
Dill	14	Sweet Basil	27
Egg Plant	14	Sweet Marjoram	27
Endive	11-14	Swiss Chard	7
Escarolle	14	Thyme	27
Fennel	14-27	Tobacco	27
Herbs	27	Tomato	25-26
Horehound	27	Turnip	26
Hyssop	27	Turnip, Ruta Baga	26
Kale	15	Wormwood	27
Kohl Rabi	15		

FLOWER SEEDS

	Page		Page
Achillea	28	Gomphrena	33
African Daisy, Blue Eyed	29	Gourds	33
African Daisy, Orange	32	Gypsophila	33
Ageratum	28	Helianthemum	33
Alyssum	28	Helichrysum	33
Amaranthus	28	Heliotrope	33
Anchusa	29	Hesperis	33
Antirrhinum	29	Hollyhock	33
Aquilegia	29	Honesty	34
Arabis	29	Hunnemania	33
Arctotis	29	Hyacinth Bean	32
Armeria	29	Ice Plant	35
Aster	29	Isatis	34
Aubretia	30	Ipomoea	34
Baby's Breath	33	Kochia	34
Balsam	30	Lady Slipper	30
Beard Tongue	36	Lantana	34
Bellis Perennis	30	Larkspur	34
Blanket Flower	32	Lilium	34
Blue Lace Flower	32	Linaria	34
Bush Eschscholtzia	33	Linum	34
Butterfly Flower	37	Lobelia	34
Calendula	30	Love in a Mist	35
California Poppy	32	Lunaria	34
Calliopsis	30	Lupine	34
Campanula	30	Madwort	28
Canary Bird Vine	30	Marigold	34-35
Candytuft	30	Marvel of Peru	32
Canna	30	Mesembrianthemum	35
Canterbury Bells	30	Mexican Fire Bush	34
Cardinal Climber	30	Mignonette	35
Castor-oil-bean	37	Moonflower	35
Carnation	31	Mourning Bride	37
Celosia	31	Moss Rose	37
Centaurea	31	Myosotis	35
Cerastium	31	Morning Glory	35
Cheiranthus	31	Nasturtium	35
Chinese Forget-me-not	31	Nemesia	35
Chinese Lantern	36	Nepeta	35
Chrysanthemum	31	Nicotiana	35
Clarkia	31	Nigella	35
Cleome	31	Painted Daisy	37
Cobaea	31	Painted Tongue	37
Cockscomb	31	Pansy	36
Coleus	31	Pentstemon	36
Columbine	29	Petunia	36
Cornflower Aster	37	Phlox Drummondii	36
Cosmos	31	Physalis	36
Cynoglossum	31	Pinks	32
Cypress Vine	31	Platycodon	36
Dahlia	31	Poppy	36-37
Delphinium	32	Portulaca	37
Dianthus	32	Pot Marigold	30
Didiscus	32	Primrose	37
Digitalis	32	Primula	37
Dimorpotheca	32	Pyrethrum	37
Dolichos	32	Ricinus	37
English Daisy	30	Rock Cress	29
Eschscholtzia	32	Rock Rose	33
Euphorbia	32	Rock Garden Mixture	37
Flax	34	Salpiglossis	37
Floss Flower	28	Salvia	37
Flowering Sage	37	Saponaria	37
Flowering Tobacco	35	Satin Flower	33
Four O'Clock	32	Scabiosa	37
Foxglove	32	Schizanthus	37
Gaillardia	32	Scatter Garden Mixture	39
Garden Heliotrope	38	Scutellaria	37
Geum	33	Sea Lavender	37
Globe Amaranth	33	Shasta Daisy	37
Godetia	33	Siberian Wallflower	31

	Page		Page
Snapdragon	29	Sweet William	38
Sneezewort	28	Thrift or Sea Pink	29
Snow on the Mountain	32	Toad Flax	34
Snow in Summer	31	Tunica	38
Soapwort	37	Valerian	38
Speedwell	38	Venedium	38
Spider Plant	31	Verbena	38
Statice	37	Veronica	38
Stocks	37	Vinca	38
Stokesia	37	Viola Cornuta	36
Strawflower	33	Wallflower	38
Sunflower	37-38	Zinnia	38-39
Sweet Peas	39		
Sweet Rocket	33		

GRASSES and FIELD SEEDS

	Page		Page
CLOVERS		FORAGE SEEDS	
Alfalfa (Grimm)	41	Corn, Ensilage	42
Alsike	41	Corn, Dent Varieties	42
Crimson	41	Corn, Flint	42
Medium Red	41	Barley	40
White Dutch	3-41	Buckwheat	40
White Sweet	41	Canada Peas	40
Nod-o-gen, Inoculation for Clover	40	Millet	40
GRASS SEEDS		Oats	40
Bent Grasses	41	Rape	40
Fescue	41	Rye	40
Kentucky Blue	41	Soy Beans	40
Lawn Grass	3	Sudan Grass	40
Orchard	41	Vetch	40
Red Top	41	Wheat	40
Rough Stalked Meadow	41		
Rye Grass	41		
Timothy	41		

FERTILIZERS and MISCELLANEOUS

	Page		Page		Page
Bone Meal	45	Lime, Hydrated	45	Insecticides	44
Cattle Manure	45	Lime, Dusting	44	Lawn Grass	3
Garden Fertilizer	45	Peat Moss	44	Paper Pots	39
Lawn Fertilizer	45	Complete Fertilizers	45	Seed Potatoes	43
Nitrate of Soda	45	Bulbs	39	Twine	46
Nitrophoska	45	Celery Braid	46	Semesan	43
Sheep Manure	45	Celery Tape	46	Cro-cus, crow repellent	12-42-43
Sulphate of Ammonia	45	Atlacide, Weed Killer	46	Nod-o-gen	40
Superphosphate	45	Hotkaps	39	Seed Disinfectants	43
Lime, Ground Limestone	45				

Quantity of Seed Required Per Acre

	Quantity per Acre	Lbs. per Bushel		Quantity per Acre	Lbs. per Bushel
ALFALFA	18-20 lbs.	60	KENTUCKY BLUEGRASS	35-40 lbs.	14
BARLEY	1½ bu.	48	LAWN GRASS	100 lbs.	20
BUCKWHEAT	1½ bu.	48	MILLET, GOLDEN	50 lbs.	50
CANADA FIELD PEAS	2½ bu.	60	“ HUNGARIAN	50 lbs.	48
“ “ with oats	1½ bu.		“ JAPANESE	20 lbs.	32
CLOVER, ALSIKE	10-15 lbs.	60	OATS	3 bu.	32
“ CRIMSON	15 lbs.	60	“ with Canada Field Peas	2 bu.	
“ MEDIUM RED	15-20 lbs.	60	ORCHARD GRASS	25-30 lbs.	14
“ WHITE DUTCH	8-10 lbs.	60	RAPE	6-8 lbs.	60
“ WHITE SWEET	20 lbs.	60	RED TOP	12-15 lbs.	35
CORN, FIELD, in hills	¼ bu.	56	RYE	1½-2 bu.	56
“ ENSILAGE, in drills	½ bu.	56	SUDAN GRASS	20-25 lbs.	50
			TIMOTHY	20-25 lbs.	45

VEGETABLE PLANTING CHART

Vegetable	Planting Distances			Seed Required		Weeks to Mature
	Space Plants in Row	Between Rows	Depth	Per 100 Ft. Row	Per Acre	
Artichoke.....	2 ft.....	3 ft.....	½ in...	1 oz. to 500 plants...		1 year
Asparagus, Seeds....	2 in.....	1½ ft....	1 in....	1 oz.....	15-20 lbs....	3 to 4 years
Asparagus, Roots....	1½-2 ft....	4 ft.....	5-6 in...	50-75 roots.....	7-8000 roots..	2 years
Beans, Bush.....	3 in.....	2½ ft....	2 in....	1 lb.....	1½ bu.....	6 to 8
Beans, Bush Lima...	15 in. hills.	3 ft.....	1 in....	1 lb.....	1 bu.....	12 to 14
Beans, Pole.....	3 ft.....	4 ft.....	1 in....	½ lb. in hills.....	½ bu.....	8 to 10
Beans, Pole Lima....	3 ft.....	3 ft.....	1 in....	1 lb. in hills.....	½ bu.....	14 to 16
Beets.....	4 in.....	1½ ft....	1 in....	2 oz.....	12 lbs.....	8 to 9
Beets, Mangels.....	6-10 in....	2 ft.....	1½ in..	2 oz.....	6 lbs.....	18 to 20
Broccoli.....	2 ft.....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	16 to 18
Brussels Sprouts....	2 ft.....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	16 to 18
Cabbage, Early.....	1½ ft....	2 ft.....	½ in....	1 oz. to 3000 plants..	4 oz.....	13 to 14
Cabbage, Late.....	2½ ft....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	18 to 20
Carrot, Early.....	2 in.....	1 ft.....	½ in....	1 oz.....	4 lbs.....	8 to 9
Carrot, Late.....	3-4 in....	1½ ft....	½ in....	½ oz.....	3 lbs.....	11 to 12
Cauliflower.....	1½ ft....	3 ft.....	½ in....	1 oz. to 3000 plants..	4 oz.....	15 to 16
Celery.....	3-6 in....	3 to 4 ft..	¼ in....	1 oz. to 10000 plants.	4 oz.....	18 to 20
Chicory.....	4 in.....	1 ft.....	¼ in....	½ oz.....	4 lbs.....	18 to 20
Collards.....	2½ ft....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	14 to 15
Corn, Sweet.....	3 ft.....	3 ft.....	1½ in..	1 lb. to 200 hills....	15 lbs.....	10 to 14
Corn Salad.....	6 in.....	1 ft.....	½ in....	1 oz.....	4 lbs.....	7 to 8
Cress.....	4 in.....	1½ ft....	¼ in....	1 oz.....	12 lbs.....	3 to 4
Cress, Water.....	3 in.....	½ ft....	¼ in....	½ oz.....		
Cucumber.....	4 ft.....	4-5 ft....	½ in....	1 oz. to 100 hills....	3 lbs.....	9 to 10
Dandelion.....	3 in.....	1½ ft....	¼ in....	½ oz.....	3 lbs.....	8 to 9
Egg Plant.....	2 ft.....	3 ft.....	½ in....	1 oz. to 2000 plants..	4 oz.....	20 to 22
Endive.....	1 ft.....	1½ ft....	½ in....	½ oz.....	4 lbs.....	10 to 12
Kale.....	1½ ft....	2½ ft....	½ in....	½ oz.....	3 lbs.....	10 to 12
Kohl-Rabi.....	8-10 in....	1½ ft....	½ in....	½ oz.....	4 lbs.....	10 to 12
Leek.....	6 in.....	1 ft.....	½ in....	½ oz.....	5 lbs.....	14 to 16
Lettuce.....	1-1½ ft..	1½ ft....	¼ in....	1 oz. to 3000 plants..	4 lbs.....	7 to 8
Melon, Musk.....	4 ft.....	4 ft.....	¾ in....	1 oz. to 100 hills....	3 lbs.....	12 to 14
Melon, Water.....	8 ft.....	8 ft.....	¾ in....	2 oz. to 100 hills....	4 lbs.....	15 to 16
Okra.....	1 ft.....	2½ ft....	1 in....	2 oz.....		9 to 10
Onion Seed.....	2 in.....	15 in....	½ in....	½ oz.....	5 lbs.....	16 to 18
Onion Sets.....	3 in.....	15 in....	Cover..	3 lbs.....	30 bu.....	5 to 6
Parsley.....	2 in.....	1 ft.....	½ in....	1 oz.....	3 lbs.....	12 to 14
Parsnip.....	5 in.....	1½ ft....	½ in....	1 oz.....	7 lbs.....	16 to 18
Peas.....	2 in.....	3 ft.....	2 in....	1½ lbs.....	2 bu.....	8 to 10
Pepper.....	1½ ft....	2½ ft....	½ in....	1 oz. to 1500 plants..	4 oz.....	18 to 20
Potatoes, Early.....	15 in....	3 ft.....	3 in....	5 lbs.....	14 bu.....	10 to 12
Potatoes, Main Crop.	18 in....	3 ft.....	3 in....	4 lbs.....	12 bu.....	14 to 16
Pumpkin.....	8 ft.....	8 ft.....	1 in....	1 oz.....	4 lbs.....	12 to 14
Radish, Early.....	1 in.....	1 ft.....	½ in....	1 oz.....	12 lbs.....	3 to 4
Radish, Winter.....	4 in.....	1½ ft....	½ in....	1 oz.....	10 lbs.....	7 to 8
Rhubarb.....	3 ft.....	3 ft.....	¾ in....	1 oz.....	4840 roots... 1	to 3 years
Ruta Baga.....	6 in.....	2 ft.....	½ in....	½ oz.....	3 lbs.....	10 to 12
Salsify.....	3 in.....	1½ ft....	½ in....	1 oz.....	8 lbs.....	18 to 20
Spinach.....	3 in.....	1 ft.....	½ in....	2 oz.....	20 lbs.....	8 to 10
Spinach, New Zealand	1½ ft....	3 ft.....	1 in....	½ oz.....	5 lbs.....	10 to 12
Squash, Bush.....	4 ft.....	4 ft.....	1 in....	1 oz.....	3 lbs.....	7 to 8
Squash, Winter.....	8 ft.....	8 ft.....	1 in....	1 oz.....	3 lbs.....	12 to 14
Swiss Chard.....	6 in.....	2 ft.....	1 in....	1 oz.....		7 to 8
Tomato.....	3 ft.....	3 ft.....	½ in....	1 oz. to 3000 plants..	3 oz.....	16 to 18
Turnip, Early.....	4 in.....	1½ ft....	½ in....	1 oz.....	3 lbs.....	8 to 10
Turnip, Late.....	6 in.....	1½ ft....	½ in....	½ oz.....	2 lbs.....	10 to 12
Turnip, Broadcast...					½-1 lb.....	

NOTE:—Length of time to maturity varies according to climate, season, soil, geographic location, elevation and variety planted.

Approximate number of feet of row per acre.

Distance between rows:	12 inches	18 inches	24 inches	30 inches	36 inches	42 inches	48 inches
Feet of row:	43,560	29,040	21,780	17,424	14,520	12,446	10,890

Number of plants per acre:

Distance apart	No. Plants	Distance apart	No. Plants	Distance apart	No. Plants
24 in. x 18 in.....	14,520	36 in. x 12 in.....	14,520	48 in. x 24 in.....	5,445
30 in. x 18 in.....	11,616	36 in. x 18 in.....	9,658	48 in. x 36 in.....	3,630
30 in. x 24 in.....	8,712	36 in. x 24 in.....	7,260	48 in. x 48 in.....	2,723
30 in. x 30 in.....	6,968	36 in. x 36 in.....	4,840	8 ft. x 8 ft.....	680

1 9 3 6



Feeds

COMSTOCK FERRE & CO.
WETHERSFIELD, CONNECTICUT.